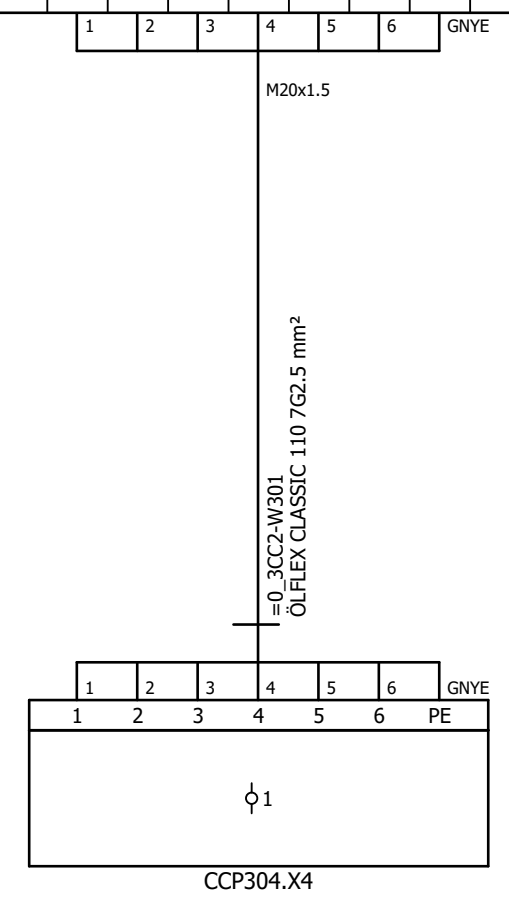


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|-----------------|--|--|---|---|--|--|--|--|--------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| TERMINAL STRIP | | PAGE/COLUMN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CCP301.X4 | | | =0_3CC2/3.4 | =0_3CC2/3.7 | =0_3CC2/3.7 | =0_3CC2/3.10 | =0_3CC2/3.10 | =0_3CC2/3.11 | =0_3CC2/3.11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FUNCTION TEXT | | CONTROL CURRENT 24VDC GENERAL INPUTS CCP301-CCP302 | CONTROL CURRENT 24VDC GENERAL OUTPUTS CCP301-CCP302 | CONTROL CURRENT 24VDC GENERAL OUTPUTS CCP301-CCP302 | CONTROL CURRENT 24VDC PROFINET CCP301-CCP302 | CONTROL CURRENT 24VDC PROFINET CCP301-CCP302 | CONTROL CURRENT 24VDC PROFINET CCP301-CCP302 | CONTROL CURRENT 24VDC PROFINET CCP301-CCP302 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TERMINAL NUMBER | | ϕ1 | ϕ2 | ϕ3 | ϕ4 | ϕ5 | ϕ6 | ϕPE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



v. AARSEN INT. B.V.
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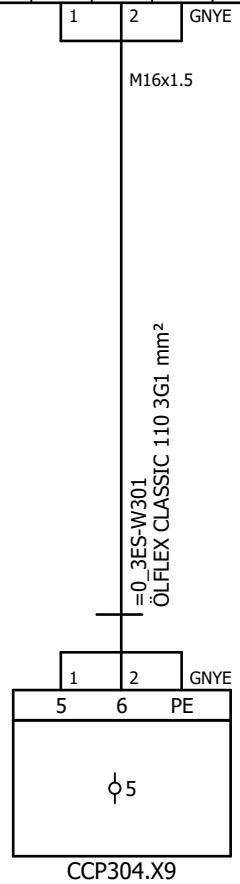
PROJECT DESCRIPTION AGROECO ECOMIX - RUSSIA
FEEDMILL 40 T/H CCP3
PAGE DESCRIPTION TERMINAL STRIP CCP301.X4

DRAUGHTSMAN JRo
CREATOR SDi
DATE 22.09.2020
CHANGED 26.10.2020

HIGHER-LEVEL FUNCTION = TERMINAL
HIGHER-LEVEL DESCRIPTION TERMINAL
ITEM TERMINAL
FIELD

DRAWING NUMBER 20108 v0.3 CCP3
DRAWING NUMBER VAN AARSEN
PROJECT NUMBER SPIE-VDM 05601.20.1127
PAGE 3 /262

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|-----------------|---------------|-----------------|-----------------|-----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| TERMINAL STRIP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CCP301.X9 | PAGE/COLUMN | =0_3ES/2.3 | =0_3ES/2.5 | =0_3ES/2.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | FUNCTION TEXT | SAFE TORQUE OFF | SAFE TORQUE OFF | SAFE TORQUE OFF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TERMINAL NUMBER | | ϕ1 | ϕ2 | ϕ PE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



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PROJECT DESCRIPTION AGROECO ECOMIX - RUSSIA
 FEEDMILL 40 T/H CCP3
 PAGE DESCRIPTION TERMINAL STRIP CCP301.X9

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| DRAUGHTSMAN | JRo | HIGHER-LEVEL FUNCTION | = TERMINAL |
| CREATOR | SDi | HIGHER-LEVEL DESCRIPTION | TERMINAL |
| DATE | 22.09.2020 | ITEM | TERMINAL |
| CHANGED | 26.10.2020 | FIELD | |

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| DRAWING NUMBER | 20108 v0.3 CCP3 |
| DRAWING NUMBER | VAN AARSEN |
| PROJECT NUMBER | 05601.20.1127 |
| SPIE-VDM | 05601.20.1127 |
| PAGE | 4 / 262 |

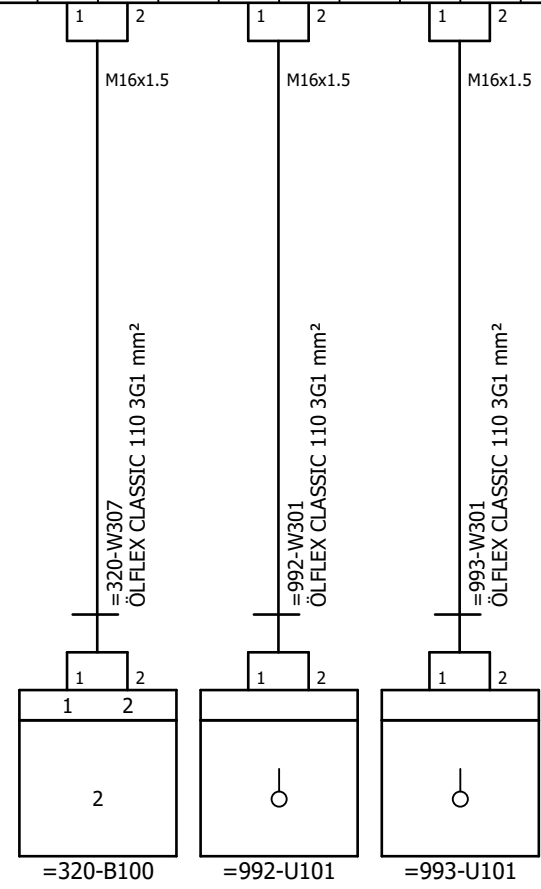
TERMINAL STRIP

CCP301.X56

| FUNCTION TEXT | PAGE/COLUMN |
|--|-------------|
| CCP301.X56 24VDC | =320/2.2 |
| CCP301.X56 24VDC | =320/2.2 |
| CCP301.X56 24VDC | =320/2.2 |
| HAMMER MILL - 1400 GD MOTOR MAIN WORK SWITCH (0 = FAULT) | =320/2.4 |
| HAMMER MILL - 1400 GD MOTOR MAIN WORK SWITCH (0 = FAULT) | =320/2.4 |
| STEAM BOILER PRESSURE OK (0 = FAULT) | =992/1.3 |
| STEAM BOILER PRESSURE OK (0 = FAULT) | =992/1.3 |
| COMPRESSOR PRESSURE OK (0 = FAULT) | =993/1.3 |
| COMPRESSOR PRESSURE OK (0 = FAULT) | =993/1.3 |

TERMINAL NUMBER

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| -0+ | -0- | -00 | -0+ | -01 | | -0+ | -02 | | -0+ | -03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|--|-----|-----|--|-----|-----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|



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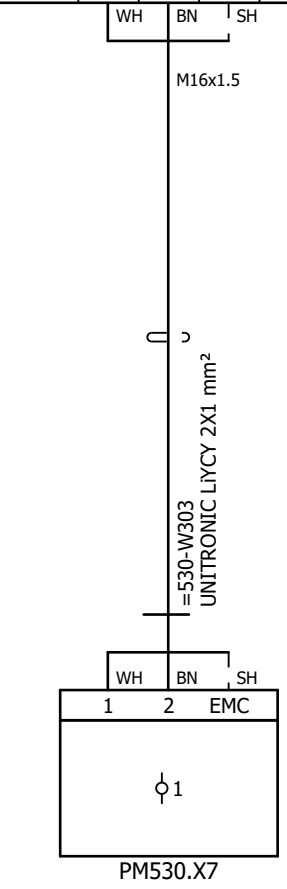
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| PAGE DESCRIPTION | TERMINAL STRIP CCP301.X56 |

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| DRAUGHTSMAN | JRo |
| CREATOR | SDi |
| DATE | 22.09.2020 |
| CHANGED | 26.10.2020 |

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| HIGHER-LEVEL FUNCTION | = TERMINAL |
| HIGHER-LEVEL DESCRIPTION | TERMINAL |
| ITEM | TERMINAL |
| FIELD | |

| | |
|----------------|-----------------|
| DRAWING NUMBER | 20108 v0.3 CCP3 |
| DRAWING NUMBER | VAN AARSEN |
| PROJECT NUMBER | 05601.20.1127 |
| PAGE | 5 /262 |

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|-----------------|--|---------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| TERMINAL STRIP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CCP302.X7 | | PAGE/COLUMN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | FUNCTION TEXT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TERMINAL NUMBER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



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9



v. AARSEN INT. B.V.
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PROJECT DESCRIPTION **AGROECO ECOMIX - RUSSIA FEEDMILL 40 T/H CCP3**
PAGE DESCRIPTION **TERMINAL STRIP CCP302.X7**

DRAUGHTSMAN **JRo**
CREATOR **SDi**
DATE **22.09.2020**
CHANGED **26.10.2020**

HIGHER-LEVEL FUNCTION **= TERMINAL**
HIGHER-LEVEL DESCRIPTION **TERMINAL**
ITEM **TERMINAL**
FIELD

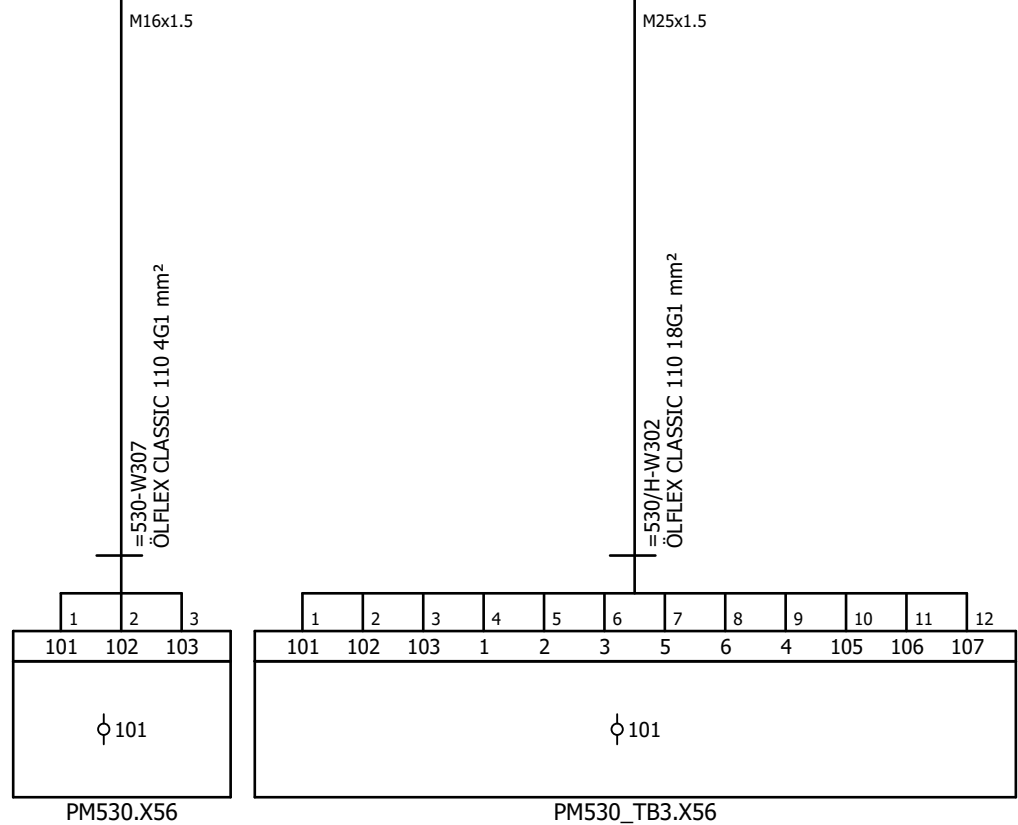
DRAWING NUMBER **20108 v0.3 CCP3**
DRAWING NUMBER **VAN AARSEN**
PROJECT NUMBER **05601.20.1127**
PAGE **8 / 262**

TERMINAL STRIP

CCP302.X56

| FUNCTION TEXT | PAGE/COLUMN |
|--|---------------|
| PELLET MILL - C-TYPE MOTOR MAIN WORK SWITCH (0 = FAULT) | =530/4.3 |
| PELLET MILL - C-TYPE MOTOR MAIN RUNNING (1 = RUNNING) | =530/4.5 |
| PELLET MILL - C-TYPE MOTOR MAIN THERMAL SAFETY (0 = FAULT) | =530/4.7 |
| HOIST SLOW UP | =530/H/2.3 |
| HOIST SLOW UP | =530/H/2.3 |
| HOIST SLOW DOWN | =530/H/2.5 |
| SLOW TURNING DEVICE CILINDER OUT | =530/STD/2.3 |
| SLOW TURNING DEVICE CILINDER IN | =530/STD/2.5 |
| SLOW TURNING DEVICE CILINDER IN | =530/STD/2.7 |
| SLOW TURNING DEVICE CILINDER OUT | =530/STD/2.10 |
| SLOW TURNING DEVICE CILINDER IN | =530/STD/2.14 |
| SLOW TURNING DEVICE LEFT | =530/STD/3.6 |
| SLOW TURNING DEVICE LEFT | =530/STD/3.6 |
| SLOW TURNING DEVICE LEFT | =530/STD/3.6 |
| SLOW TURNING DEVICE RIGHT | =530/STD/3.8 |

| TERMINAL NUMBER | Φ101 | Φ102 | Φ103 | Φ104 | Φ105 | Φ106 | Φ107 | Φ108 | Φ109 | Φ110 | Φ111 | Φ112 | Φ113 | Φ114 | Φ115 |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
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 PANHEEL
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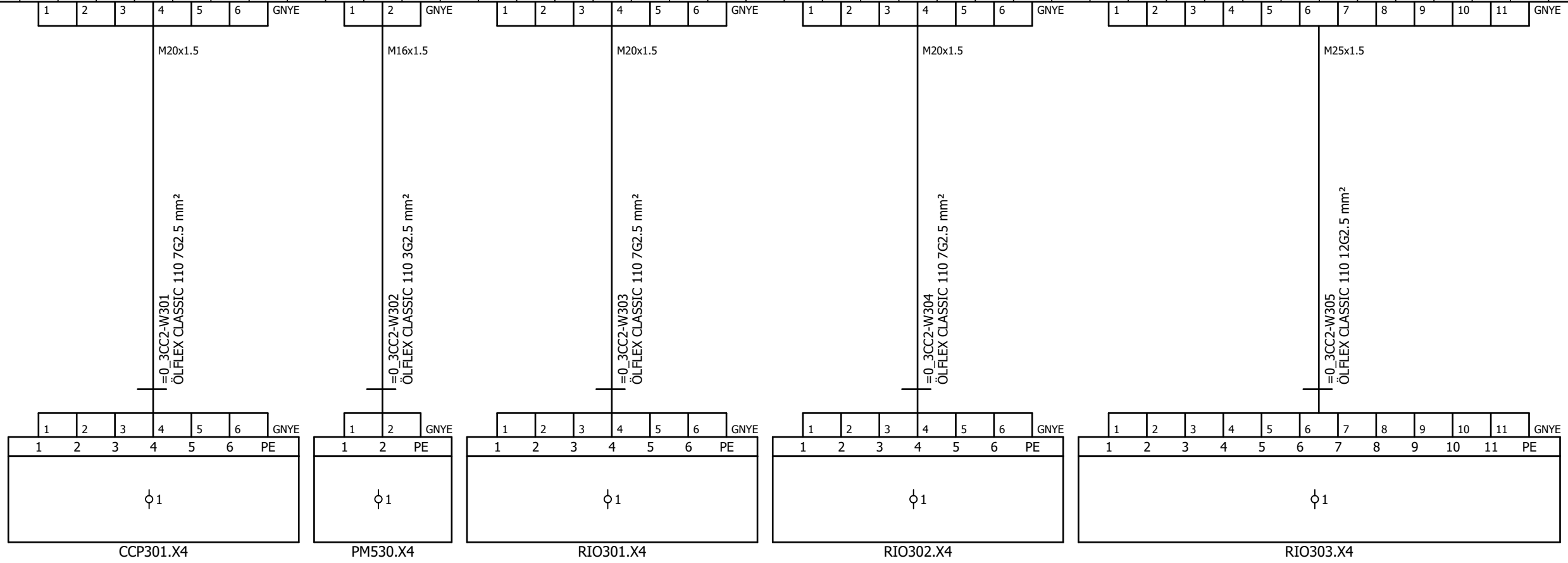
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| PAGE DESCRIPTION | TERMINAL STRIP CCP302.X56 |

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| DRAUGHTSMAN | JRo |
| CREATOR | SDi |
| DATE | 22.09.2020 |
| CHANGED | 26.10.2020 |

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| HIGHER-LEVEL FUNCTION | = TERMINAL |
| HIGHER-LEVEL DESCRIPTION | TERMINAL |
| ITEM | TERMINAL |
| FIELD | |

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| DRAWING NUMBER | 20108 v0.3 CCP3 |
| DRAWING NUMBER VAN AARSEN | |
| PROJECT NUMBER SPIE-VDM | 05601.20.1127 |
| PAGE | 9 /262 |

| | | |
|-----------------|---|--------------|
| TERMINAL STRIP | | |
| CCP304.X4 | PAGE/COLUMN | |
| | FUNCTION TEXT | |
| | CONTROL CURRENT 24VDC GENERAL INPUTS CCP301-CCP302 | =0_3CC2/3.4 |
| | CONTROL CURRENT 24VDC GENERAL OUTPUTS CCP301-CCP302 | =0_3CC2/3.7 |
| | CONTROL CURRENT 24VDC GENERAL OUTPUTS CCP301-CCP302 | =0_3CC2/3.7 |
| | CONTROL CURRENT 24VDC PROFINET CCP301-CCP302 | =0_3CC2/3.10 |
| | CONTROL CURRENT 24VDC PROFINET CCP301-CCP302 | =0_3CC2/3.10 |
| | CONTROL CURRENT 24VDC PROFINET CCP301-CCP302 | =0_3CC2/3.11 |
| | CONTROL CURRENT 24VDC PROFINET CCP301-CCP302 | =0_3CC2/3.11 |
| | | |
| | CONTROL CURRENT 24VDC PM530 | =0_3CC2/5.4 |
| | CONTROL CURRENT 24VDC PM530 | =0_3CC2/5.4 |
| | CONTROL CURRENT 24VDC PM530 | =0_3CC2/5.5 |
| | | |
| | CONTROL CURRENT 24VDC RIO301 | =0_3CC2/8.4 |
| | CONTROL CURRENT 24VDC RIO301 | =0_3CC2/8.4 |
| | CONTROL CURRENT 24VDC RIO301 | =0_3CC2/8.5 |
| | CONTROL CURRENT 24VDC RIO301 | =0_3CC2/8.5 |
| | CONTROL CURRENT 24VDC RIO301 | =0_3CC2/8.6 |
| | CONTROL CURRENT 24VDC RIO301 | =0_3CC2/8.6 |
| | CONTROL CURRENT 24VDC RIO301 | =0_3CC2/8.6 |
| | | |
| | CONTROL CURRENT 24VDC RIO302 | =0_3CC2/8.10 |
| | CONTROL CURRENT 24VDC RIO302 | =0_3CC2/8.10 |
| | CONTROL CURRENT 24VDC RIO302 | =0_3CC2/8.11 |
| | CONTROL CURRENT 24VDC RIO302 | =0_3CC2/8.11 |
| | CONTROL CURRENT 24VDC RIO302 | =0_3CC2/8.12 |
| | CONTROL CURRENT 24VDC RIO302 | =0_3CC2/8.12 |
| | CONTROL CURRENT 24VDC RIO302 | =0_3CC2/8.12 |
| | | |
| | CONTROL CURRENT 24VDC RIO303 | =0_3CC2/9.4 |
| | CONTROL CURRENT 24VDC RIO303 | =0_3CC2/9.4 |
| | CONTROL CURRENT 24VDC RIO303 | =0_3CC2/9.5 |
| | CONTROL CURRENT 24VDC RIO303 | =0_3CC2/9.5 |
| | CONTROL CURRENT 24VDC RIO303 | =0_3CC2/9.6 |
| | CONTROL CURRENT 24VDC RIO303 | =0_3CC2/9.6 |
| | CONTROL CURRENT 24VDC RIO303 | =0_3CC2/9.6 |
| | SPARE | =0_3CC2/9.7 |
| | SPARE | =0_3CC2/9.7 |
| | SPARE | =0_3CC2/9.8 |
| | SPARE | =0_3CC2/9.8 |
| | SPARE | =0_3CC2/9.8 |
| | | |
| TERMINAL NUMBER | | |
| | φ1 | |
| | φ2 | |
| | φ3 | |
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| | φ30 | |
| | φ31 | |
| | φPE | |



v. AARSEN INT. B.V.
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PROJECT DESCRIPTION AGROECO ECOMIX - RUSSIA
FEEDMILL 40 T/H CCP3
PAGE DESCRIPTION TERMINAL STRIP CCP304.X4

DRAUGHTSMAN JRo
CREATOR SDi
DATE 22.09.2020
CHANGED 26.10.2020

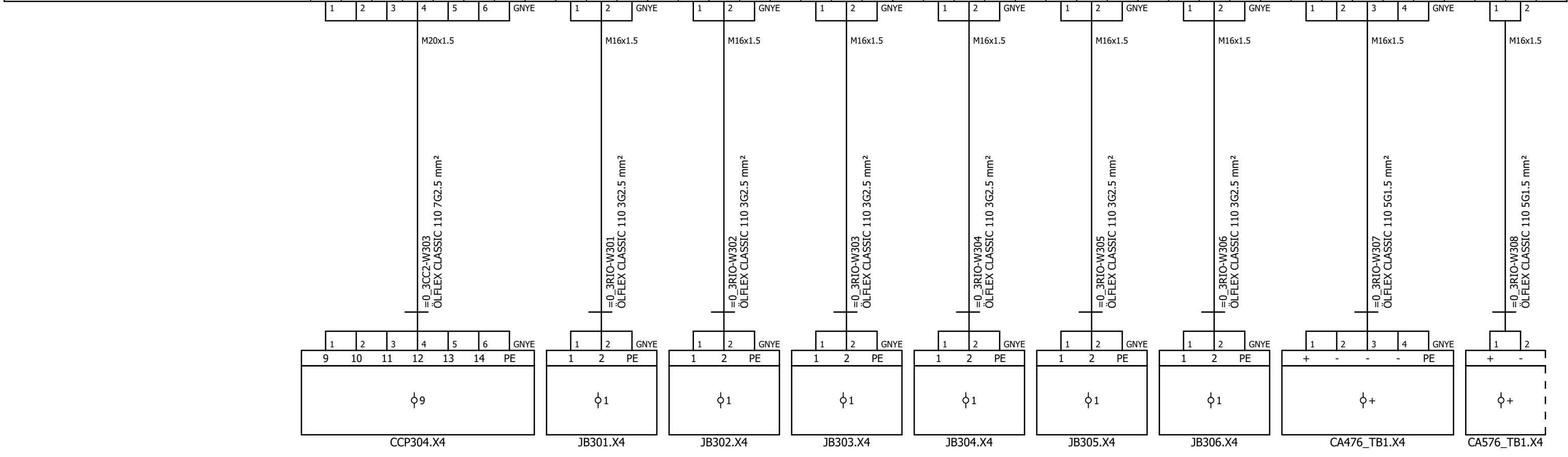
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HIGHER-LEVEL DESCRIPTION TERMINAL
ITEM TERMINAL
FIELD

DRAWING NUMBER 20108 v0.3 CCP3
DRAWING NUMBER VAN AARSEN
PROJECT NUMBER SPIE-VDM 05601.20.1127
PAGE 13 /262

TERMINAL STRIP

RIO301.X4

| FUNCTION TEXT | PAGE/COLUMN |
|--|--------------|
| CONTROL CURRENT 24VDC GENERAL INPUTS RIO301 | =0_3RIO/1.4 |
| CONTROL CURRENT 24VDC GENERAL OUTPUTS RIO301 | =0_3RIO/1.6 |
| CONTROL CURRENT 24VDC GENERAL DOOR RELAY(S) RIO301 | =0_3RIO/1.8 |
| CONTROL CURRENT 24VDC GENERAL DOOR RELAY(S) RIO301 | =0_3RIO/1.8 |
| CONTROL CURRENT 24VDC PROFINET RIO301 | =0_3RIO/1.10 |
| CONTROL CURRENT 24VDC PROFINET RIO301 | =0_3RIO/1.10 |
| CONTROL CURRENT 24VDC PROFINET RIO301 | =0_3RIO/1.11 |
| CONTROL CURRENT 24VDC JB301 | =0_3RIO/3.3 |
| CONTROL CURRENT 24VDC JB301 | =0_3RIO/3.3 |
| CONTROL CURRENT 24VDC JB301 | =0_3RIO/3.4 |
| CONTROL CURRENT 24VDC JB302 | =0_3RIO/3.7 |
| CONTROL CURRENT 24VDC JB302 | =0_3RIO/3.7 |
| CONTROL CURRENT 24VDC JB302 | =0_3RIO/3.8 |
| CONTROL CURRENT 24VDC JB303 | =0_3RIO/3.11 |
| CONTROL CURRENT 24VDC JB303 | =0_3RIO/3.11 |
| CONTROL CURRENT 24VDC JB303 | =0_3RIO/3.12 |
| CONTROL CURRENT 24VDC JB304 | =0_3RIO/3.15 |
| CONTROL CURRENT 24VDC JB304 | =0_3RIO/3.15 |
| CONTROL CURRENT 24VDC JB304 | =0_3RIO/3.16 |
| CONTROL CURRENT 24VDC JB305 | =0_3RIO/4.3 |
| CONTROL CURRENT 24VDC JB305 | =0_3RIO/4.3 |
| CONTROL CURRENT 24VDC JB305 | =0_3RIO/4.4 |
| CONTROL CURRENT 24VDC JB306 | =0_3RIO/4.7 |
| CONTROL CURRENT 24VDC JB306 | =0_3RIO/4.7 |
| CONTROL CURRENT 24VDC JB306 | =0_3RIO/4.8 |
| CONTROL CURRENT 24VDC CA476_TB1 | =0_3RIO/4.11 |
| CONTROL CURRENT 24VDC CA476_TB1 | =0_3RIO/4.11 |
| CONTROL CURRENT 24VDC CA476_TB1 | =0_3RIO/4.12 |
| CONTROL CURRENT 24VDC CA476_TB1 | =0_3RIO/4.12 |
| CONTROL CURRENT 24VDC CA476_TB1 | =0_3RIO/4.13 |
| CONTROL CURRENT 24VDC CA576_TB1 | =0_3RIO/4.16 |
| CONTROL CURRENT 24VDC CA576_TB1 | =0_3RIO/4.16 |



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PROJECT DESCRIPTION AGROECO ECOMIX - RUSSIA
FEEDMILL 40 T/H CCP3
PAGE DESCRIPTION TERMINAL STRIP RIO301.X4

DRAUGHTSMAN JRo
CREATOR SDi
DATE 22.09.2020
CHANGED 26.10.2020

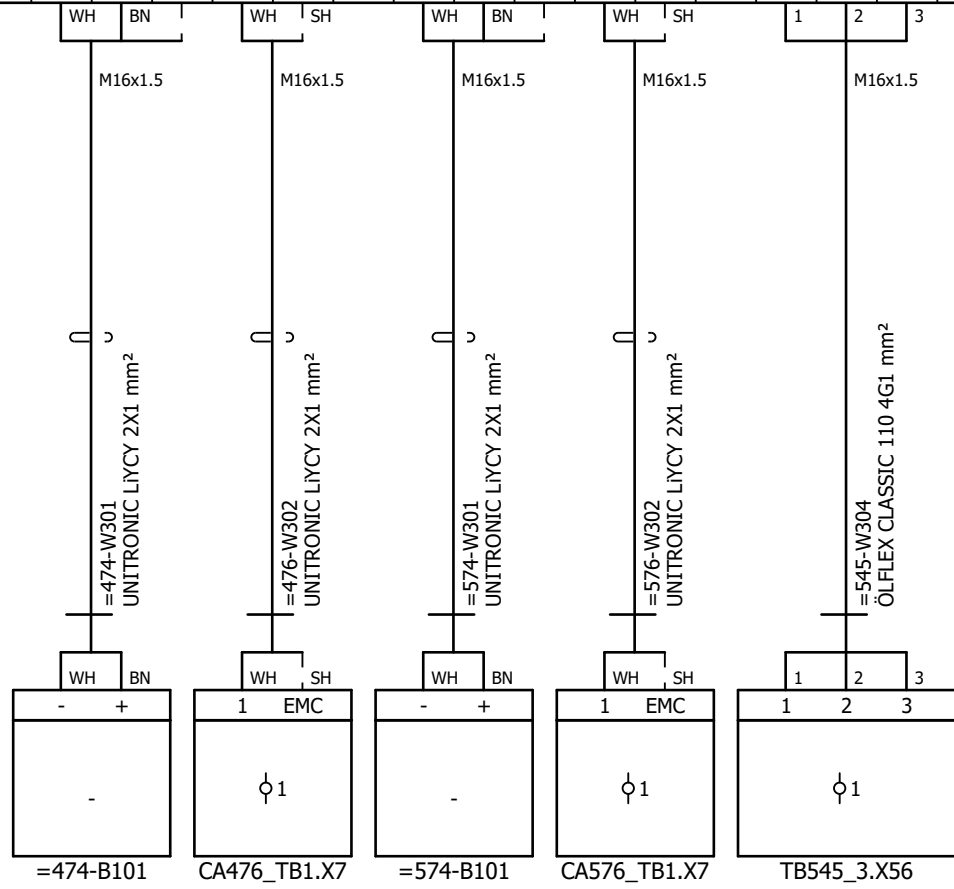
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HIGHER-LEVEL DESCRIPTION TERMINAL
ITEM TERMINAL
FIELD

DRAWING NUMBER 20108 v0.3 CCP3
DRAWING NUMBER VAN AARSEN
PROJECT NUMBER SPIE-VDM 05601.20.1127
PAGE 21 /262

TERMINAL STRIP

RIO301.X7

| TERMINAL NUMBER | FUNCTION TEXT | PAGE/COLUMN |
|-----------------|---|-------------|
| ⊘1 | LEVEL INDICATOR LEVEL INDICATOR ACTUAL PRODUCT LEVEL (4 - 20 mA) | =474/1.3 |
| ⊘2 | LEVEL INDICATOR LEVEL INDICATOR ACTUAL PRODUCT LEVEL (4 - 20 mA) | =474/1.3 |
| ⊘EMC | LEVEL INDICATOR LEVEL INDICATOR ACTUAL PRODUCT LEVEL (4 - 20 mA) | =474/1.4 |
| ⊘3 | CASCADE COATER CLC300 PRESSURE LIQUID ACTUAL PRESSURE (4 - 20MA) | =476/10.4 |
| ⊘EMC | CASCADE COATER CLC300 PRESSURE LIQUID ACTUAL PRESSURE (4 - 20MA) | =476/10.5 |
| ⊘4 | LEVEL INDICATOR LEVEL INDICATOR ACTUAL PRODUCT LEVEL (4 - 20 mA) | =574/1.3 |
| ⊘5 | LEVEL INDICATOR LEVEL INDICATOR ACTUAL PRODUCT LEVEL (4 - 20 mA) | =574/1.3 |
| ⊘EMC | LEVEL INDICATOR LEVEL INDICATOR ACTUAL PRODUCT LEVEL (4 - 20 mA) | =574/1.4 |
| ⊘6 | CASCADE COATER CLC300 PRESSURE LIQUID ACTUAL PRESSURE (4 - 20MA) | =576/10.4 |
| ⊘EMC | CASCADE COATER CLC300 PRESSURE LIQUID ACTUAL PRESSURE (4 - 20MA) | =576/10.5 |
| ⊘7 | AIR VALVE - MO 2-2 POSITION INDICATOR ACTUAL POSITION (4 - 20 mA) | =545/3.8 |
| ⊘8 | AIR VALVE - MO 2-2 POSITION INDICATOR ACTUAL POSITION (4 - 20 mA) | =545/3.8 |
| ⊘9 | AIR VALVE - MO 2-2 MOTOR ACTUAL POSITION (4-20MA) | =545/3.9 |



21.A

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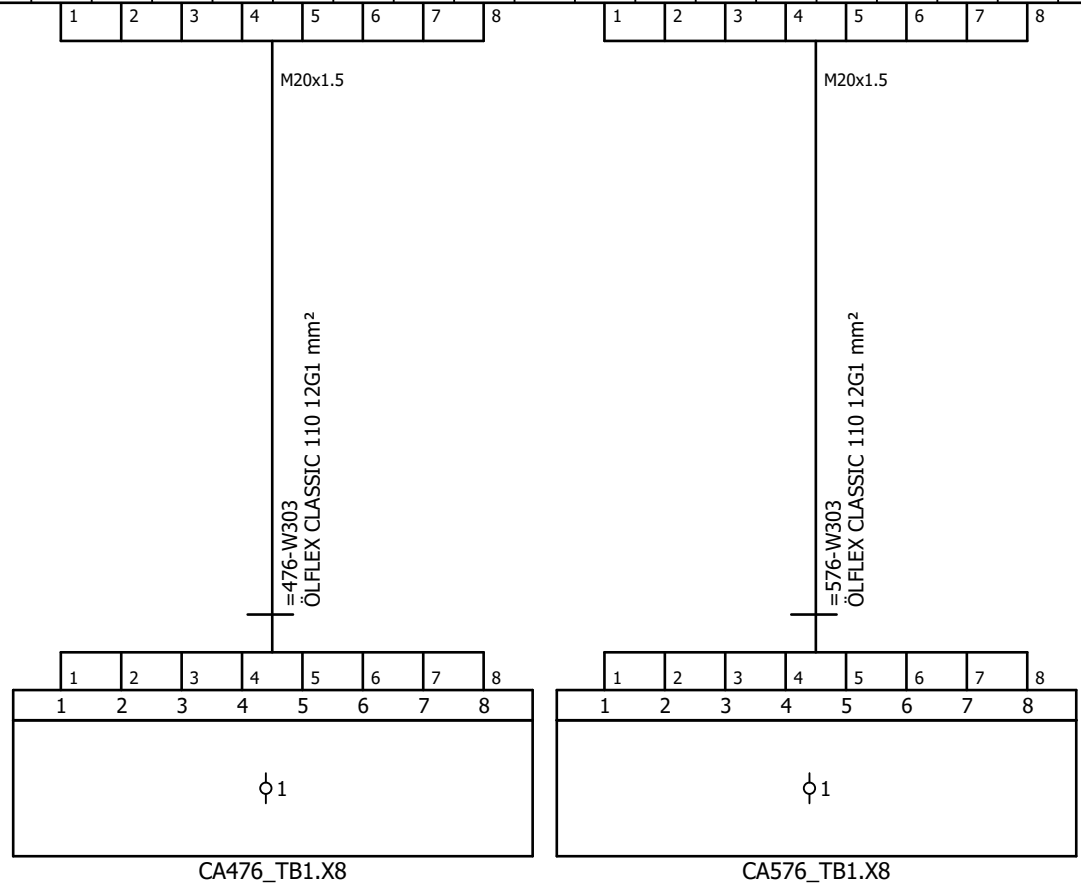
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FEEDMILL 40 T/H CCP3**
PAGE DESCRIPTION **TERMINAL STRIP RIO301.X7**

DRAUGHTSMAN **JRo**
CREATOR **SDi**
DATE **22.09.2020**
CHANGED **26.10.2020**

HIGHER-LEVEL FUNCTION **= TERMINAL**
HIGHER-LEVEL DESCRIPTION **TERMINAL**
ITEM **TERMINAL**
FIELD

DRAWING NUMBER **20108 v0.3 CCP3**
DRAWING NUMBER **VAN AARSEN**
PROJECT NUMBER **05601.20.1127**
PAGE **22 /262**

| TERMINAL STRIP | |
|-----------------|---|
| RIO301.X8 | PAGE/COLUMN =476/11.5 =476/11.5 =476/11.6 =476/11.6 =476/11.8 =476/11.8 =476/11.9 =476/11.9 |
| | FUNCTION TEXT CASCADE COATER CLC300 DOOR UPPER OPENED (1 = OPENED) CASCADE COATER CLC300 DOOR UPPER OPENED (1 = OPENED) CASCADE COATER CLC300 DOOR UPPER OPENED (1 = OPENED) CASCADE COATER CLC300 DOOR UPPER OPENED (1 = OPENED) CASCADE COATER CLC300 DOOR LOWER OPENED (1 = OPENED) CASCADE COATER CLC300 DOOR LOWER OPENED (1 = OPENED) CASCADE COATER CLC300 DOOR LOWER OPENED (1 = OPENED) CASCADE COATER CLC300 DOOR LOWER OPENED (1 = OPENED) CASCADE COATER CLC300 DOOR UPPER OPENED (1 = OPENED) CASCADE COATER CLC300 DOOR UPPER OPENED (1 = OPENED) CASCADE COATER CLC300 DOOR UPPER OPENED (1 = OPENED) CASCADE COATER CLC300 DOOR UPPER OPENED (1 = OPENED) CASCADE COATER CLC300 DOOR LOWER OPENED (1 = OPENED) CASCADE COATER CLC300 DOOR LOWER OPENED (1 = OPENED) CASCADE COATER CLC300 DOOR LOWER OPENED (1 = OPENED) CASCADE COATER CLC300 DOOR LOWER OPENED (1 = OPENED) |
| TERMINAL NUMBER | φ1 φ2 φ3 φ4 φ5 φ6 φ7 φ8 φ9 φ10 φ11 φ12 φ13 φ14 φ15 φ16 |



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PROJECT DESCRIPTION AGROECO ECOMIX - RUSSIA
FEEDMILL 40 T/H CCP3
PAGE DESCRIPTION TERMINAL STRIP RIO301.X8

DRAUGHTSMAN JRo
CREATOR SDi
DATE 22.09.2020
CHANGED 26.10.2020

HIGHER-LEVEL FUNCTION = TERMINAL
HIGHER-LEVEL DESCRIPTION TERMINAL
ITEM TERMINAL
FIELD

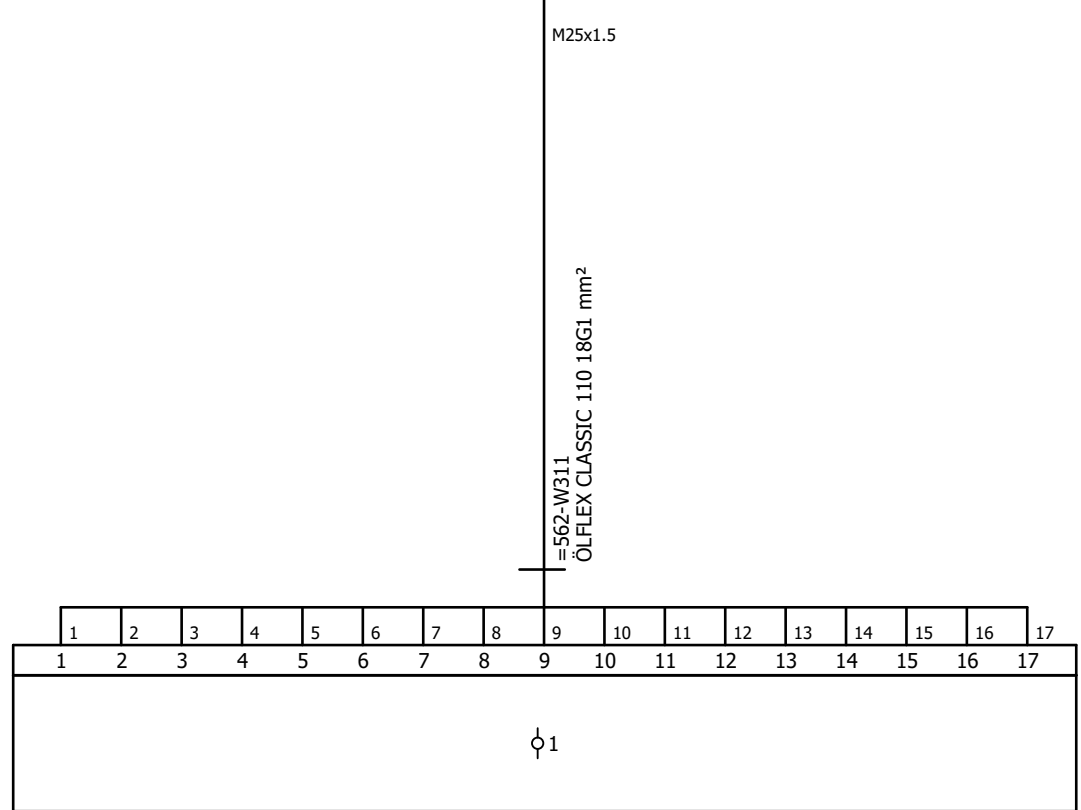
DRAWING NUMBER 20108 v0.3 CCP3
DRAWING NUMBER VAN AARSEN
PROJECT NUMBER SPIE-VDM 05601.20.1127
PAGE 23 /262

TERMINAL STRIP

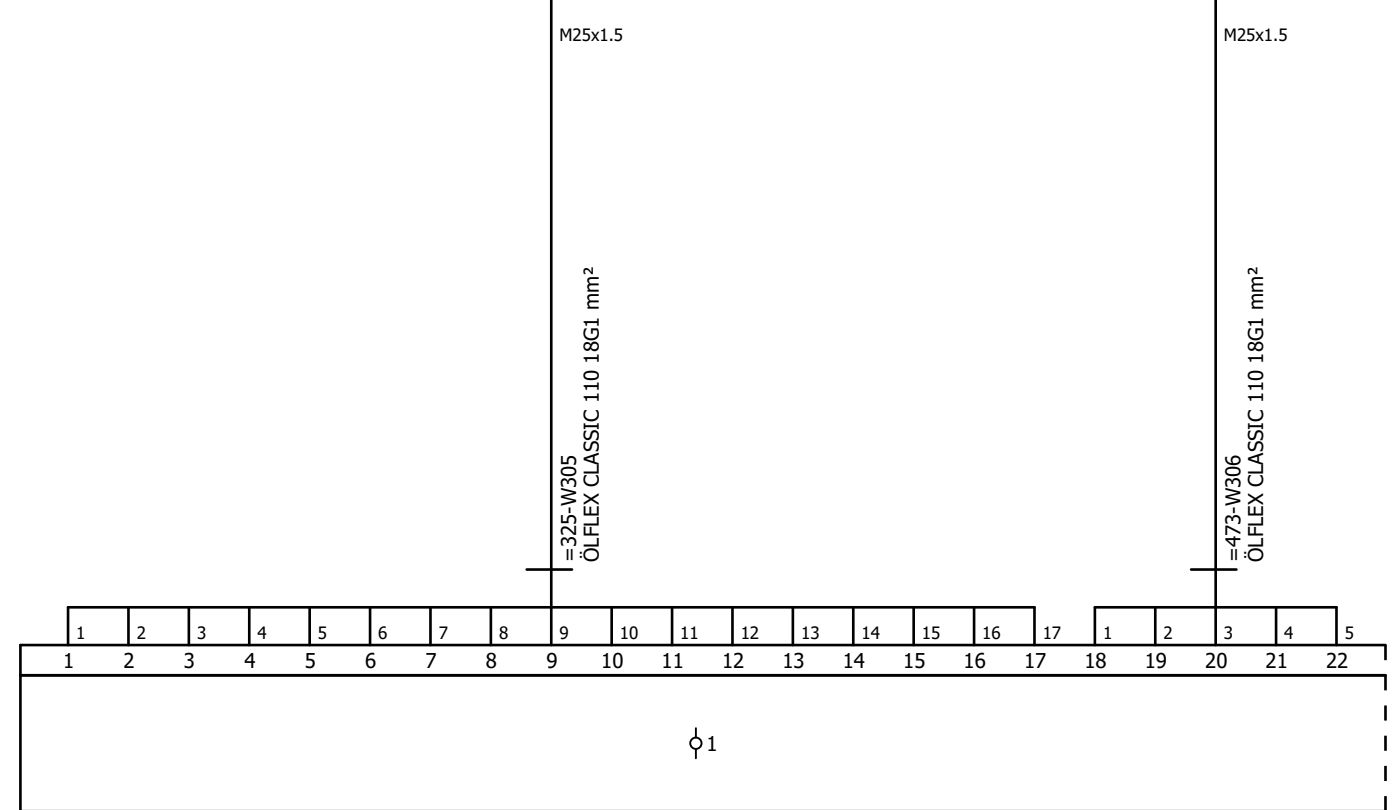
RIO301.X56

| FUNCTION TEXT | PAGE/COLUMN |
|--|-------------|
| BUCKET ELEVATOR MOTOR WORK SWITCH (0 = FAULT) | =562/3.5 |
| BUCKET ELEVATOR MIS ALIGNMENT TOP (0 = FAULT) | =562/3.8 |
| BUCKET ELEVATOR MIS ALIGNMENT TOP (0 = FAULT) | =562/3.11 |
| BUCKET ELEVATOR MIS ALIGNMENT TOP (0 = FAULT) | =562/3.11 |
| SCREW CONVEYOR MOTOR WORK SWITCH (0 = FAULT) | =564/3.5 |
| SCREW CONVEYOR OVERFLOW OK (0 = FAULT) | =564/3.8 |
| SPARE | =564/3.8 |
| SPARE | =564/3.9 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 470 (1 = 470) | =565/1.5 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 700 (1 = 700) | =565/1.8 |
| VALVE BOX - AO 2-2 VALVE TO 470 (1 = TO 470) | =565/1.11 |
| VALVE BOX - AO 2-2 VALVE TO 700 (1 = TO 700) | =565/1.13 |
| SIEVE MOTOR WORK SWITCH (0 = FAULT) | =570/3.3 |
| SPARE | =570/3.3 |
| SPARE | =570/3.4 |
| SPARE | =570/3.4 |
| SPARE | =570/3.5 |
| AIR VALVE - AO 1-2 VALVE OPENED (1 = OPENED) | =325/1.5 |
| AIR VALVE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =325/1.8 |
| AIR VALVE - AO 1-2 VALVE OPEN (1 = OPENING) | =325/1.11 |
| SPARE | =325/1.11 |
| FAN MOTOR WORK SWITCH (0 = FAULT) | =326/3.3 |
| SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =367/1.5 |
| SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =367/1.8 |
| SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =367/1.11 |
| SPARE | =367/1.11 |
| SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =368/1.5 |
| SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =368/1.8 |
| SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =368/1.11 |
| SPARE | =368/1.11 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 801 (1 = 801) | =369/1.5 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 803 (1 = 803) | =369/1.8 |
| VALVE BOX - AO 2-2 VALVE TO 801 (1 = TO 801) | =369/1.11 |
| VALVE BOX - AO 2-2 VALVE TO 803 (1 = TO 803) | =369/1.13 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 474 (1 = 474) | =473/1.5 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 480 (1 = 480) | =473/1.8 |
| VALVE BOX - AO 2-2 VALVE TO 474 (1 = TO 474) | =473/1.11 |
| VALVE BOX - AO 2-2 VALVE TO 480 (1 = TO 480) | =473/1.13 |
| AIR VALVE - MO 2-2 MOTOR WORK SWITCH (0 = FAULT) | =545/3.3 |

| TERMINAL NUMBER |
|-----------------|
| φ101 |
| φ102 |
| φ103 |
| φ104 |
| φ105 |
| φ106 |
| φ107 |
| φ108 |
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| φ110 |
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| φ130 |
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| φ136 |
| φ137 |
| φ138 |
| φ139 |



JB301.X56



JB302.X56



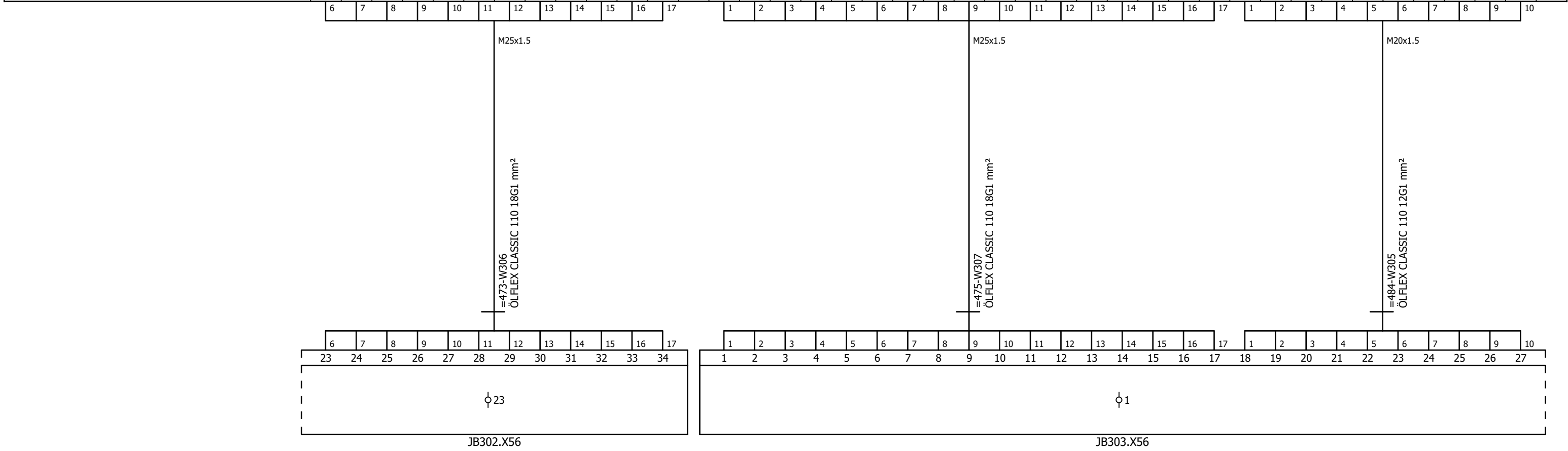
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| PROJECT DESCRIPTION | AGROECO ECOMIX - RUSSIA FEEDMILL 40 T/H CCP3 |
| PAGE DESCRIPTION | TERMINAL STRIP RIO301.X56 |

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| DRAUGHTSMAN | JRo | HIGHER-LEVEL FUNCTION | = TERMINAL |
| CREATOR | SDi | HIGHER-LEVEL DESCRIPTION | TERMINAL |
| DATE | 22.09.2020 | ITEM | TERMINAL |
| CHANGED | 26.10.2020 | FIELD | |

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| DRAWING NUMBER | 20108 v0.3 CCP3 |
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| TERMINAL STRIP | FUNCTION TEXT | PAGE/COLUMN |
|----------------|--|-------------|
| RIO301.X56 | | |
| | SPARE | =545/3.3 |
| | SPARE | =545/3.4 |
| | SPARE | =545/3.4 |
| | FAN MOTOR WORK SWITCH (0 = FAULT) | =546/3.3 |
| | VALVE BOX - AO 2-2 VALVE IN POSITION 473 (1 = 473) | =573/1.5 |
| | VALVE BOX - AO 2-2 VALVE IN POSITION 480 (1 = 480) | =573/1.8 |
| | VALVE BOX - AO 2-2 VALVE TO 473 (1 = TO 473) | =573/1.11 |
| | VALVE BOX - AO 2-2 VALVE TO 480 (1 = TO 480) | =573/1.13 |
| | SPARE | =573/1.13 |
| | SPARE | =573/1.14 |
| | SPARE | =573/1.14 |
| | SPARE | =573/1.15 |
| | | |
| | SCREW CONVEYOR MOTOR WORK SWITCH (0 = FAULT) | =475/3.5 |
| | SCREW CONVEYOR OVERFLOW OK (0 = FAULT) | =475/3.8 |
| | SCREW CONVEYOR PRODUCT INDICATOR PRODUCT (1 = PRODUCT) | =475/3.11 |
| | SPARE | =475/3.12 |
| | CHAIN CONVEYOR MOTOR WORK SWITCH (0 = FAULT) | =480/3.5 |
| | CHAIN CONVEYOR OVERFLOW OK (0 = FAULT) | =480/3.8 |
| | CHAIN CONVEYOR SPEED MONITOR PULSE (1 = PULS) | =480/3.11 |
| | SPARE | =480/3.12 |
| | FAN WITH FILTER - BASIC FAN WORK SWITCH (0 = FAULT) | =481/3.3 |
| | SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =482/1.5 |
| | SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =482/1.8 |
| | SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =482/1.11 |
| | SPARE | =482/1.11 |
| | SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =483/1.5 |
| | SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =483/1.8 |
| | SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =483/1.11 |
| | SPARE | =483/1.11 |
| | SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =484/1.5 |
| | SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =484/1.8 |
| | SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =484/1.11 |
| | SPARE | =484/1.11 |
| | SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =485/1.5 |
| | SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =485/1.8 |
| | SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =485/1.11 |
| | SPARE | =485/1.11 |
| | SPARE | =485/1.12 |
| | SPARE | =485/1.12 |



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| PROJECT DESCRIPTION | AGROECO ECOMIX - RUSSIA FEEDMILL 40 T/H CCP3 |
| PAGE DESCRIPTION | TERMINAL STRIP RIO301.X56 |

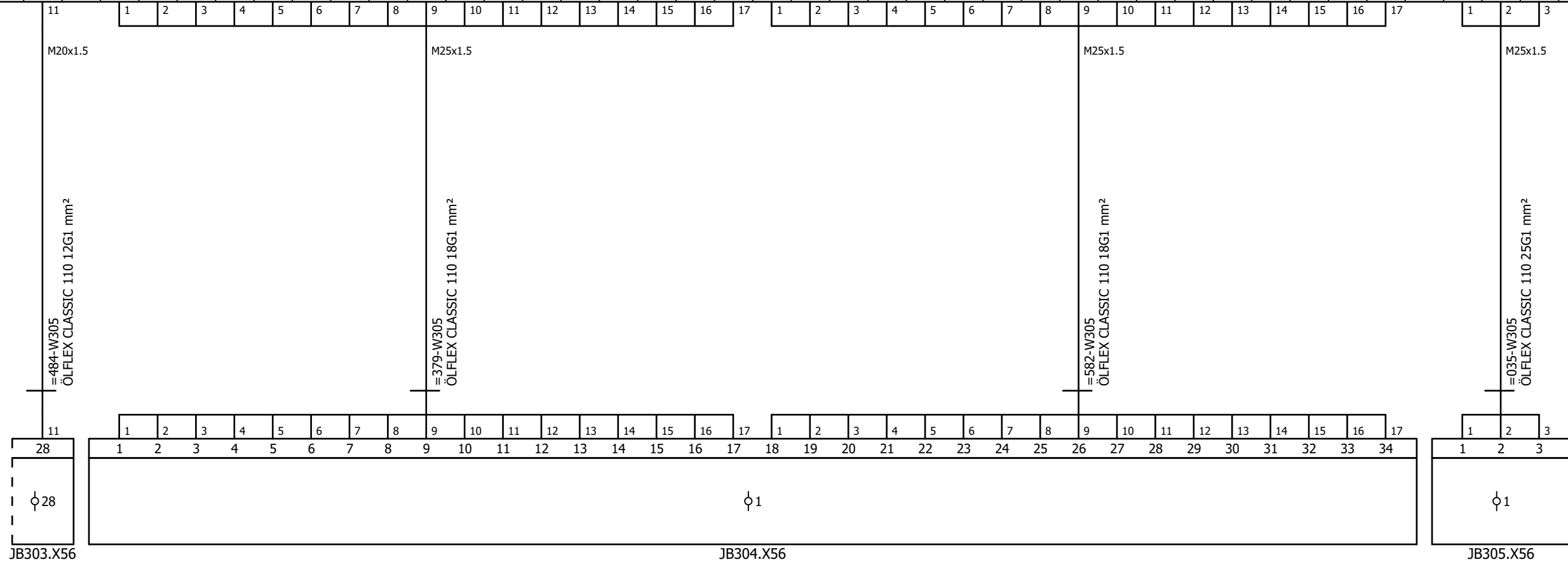
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| DRAUGHTSMAN | JRo | HIGHER-LEVEL FUNCTION | = TERMINAL |
| CREATOR | SDi | HIGHER-LEVEL DESCRIPTION | TERMINAL |
| DATE | 22.09.2020 | ITEM | TERMINAL |
| CHANGED | 26.10.2020 | FIELD | |

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| DRAWING NUMBER | 20108 v0.3 CCP3 |
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TERMINAL STRIP

RIO301.X56

| TERMINAL NUMBER | FUNCTION TEXT | PAGE/COLUMN |
|-----------------|--|-------------|
| φ 179 | SPARE | =485/1.13 |
| φ 180 | SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =379/1.5 |
| φ 181 | SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =379/1.8 |
| φ 182 | SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =379/1.11 |
| φ 183 | SPARE | =379/1.11 |
| φ 184 | SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =380/1.5 |
| φ 185 | SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =380/1.8 |
| φ 186 | SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =380/1.11 |
| φ 187 | SPARE | =380/1.11 |
| φ 188 | SCREW CONVEYOR MOTOR WORK SWITCH (0 = FAULT) | =575/3.5 |
| φ 189 | SCREW CONVEYOR OVERFLOW OK (0 = FAULT) | =575/3.8 |
| φ 190 | SCREW CONVEYOR PRODUCT INDICATOR PRODUCT (1 = PRODUCT) | =575/3.11 |
| φ 191 | SPARE | =575/3.12 |
| φ 192 | CHAIN CONVEYOR MOTOR WORK SWITCH (0 = FAULT) | =580/3.5 |
| φ 193 | CHAIN CONVEYOR OVERFLOW OK (0 = FAULT) | =580/3.8 |
| φ 194 | CHAIN CONVEYOR SPEED MONITOR PULSE (1 = PULS) | =580/3.11 |
| φ 195 | SPARE | =580/3.12 |
| φ 196 | FAN WITH FILTER - BASIC FAN WORK SWITCH (0 = FAULT) | =581/3.3 |
| φ 197 | SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =582/1.5 |
| φ 198 | SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =582/1.8 |
| φ 199 | SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =582/1.11 |
| φ 200 | SPARE | =582/1.11 |
| φ 201 | SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =583/1.5 |
| φ 202 | SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =583/1.8 |
| φ 203 | SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =583/1.11 |
| φ 204 | SPARE | =583/1.11 |
| φ 205 | SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =584/1.5 |
| φ 206 | SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =584/1.8 |
| φ 207 | SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =584/1.11 |
| φ 208 | SPARE | =584/1.11 |
| φ 209 | SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =585/1.5 |
| φ 210 | SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =585/1.8 |
| φ 211 | SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =585/1.11 |
| φ 212 | SPARE | =585/1.11 |
| φ 213 | SPARE | =585/1.12 |
| φ 214 | SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =035/1.5 |
| φ 215 | SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =035/1.8 |
| φ 216 | SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =035/1.11 |



JB303.X56

JB304.X56

JB305.X56

25.A

25.C



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| PROJECT DESCRIPTION | AGROECO ECOMIX - RUSSIA FEEDMILL 40 T/H CCP3 |
| PAGE DESCRIPTION | TERMINAL STRIP RIO301.X56 |

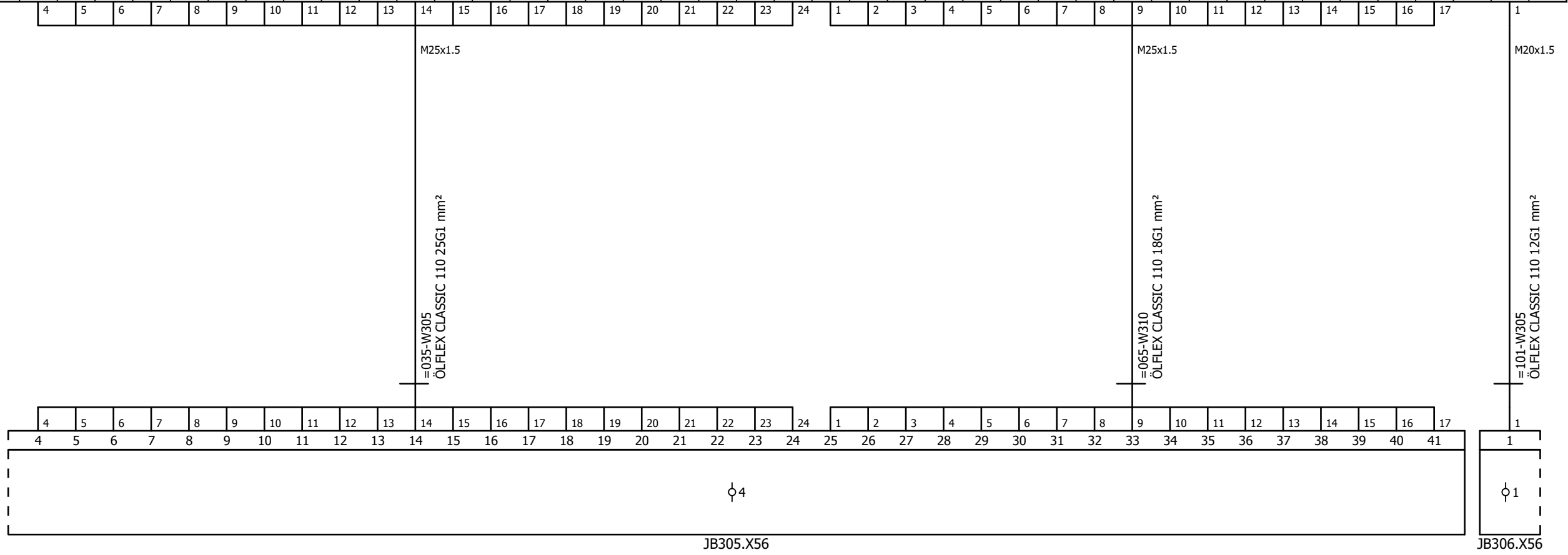
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| DRAUGHTSMAN | JRo | HIGHER-LEVEL FUNCTION | = TERMINAL |
| CREATOR | SDi | HIGHER-LEVEL DESCRIPTION | TERMINAL |
| DATE | 22.09.2020 | ITEM | TERMINAL |
| CHANGED | 26.10.2020 | FIELD | |

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| DRAWING NUMBER | 20108 v0.3 CCP3 |
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TERMINAL STRIP

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|-----------------|--|-------------|
| φ 217 | SPARE | =035/1.11 |
| φ 218 | SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =036/1.5 |
| φ 219 | SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =036/1.8 |
| φ 220 | SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =036/1.11 |
| φ 221 | SPARE | =036/1.11 |
| φ 222 | VALVE BOX - AO 2-2 VALVE IN POSITION 103 (1 = 103) | =045/1.5 |
| φ 223 | VALVE BOX - AO 2-2 VALVE IN POSITION 105 (1 = 105) | =045/1.8 |
| φ 224 | VALVE BOX - AO 2-2 VALVE TO 103 (1 = TO 103) | =045/1.11 |
| φ 225 | VALVE BOX - AO 2-2 VALVE TO 105 (1 = TO 105) | =045/1.13 |
| φ 226 | VALVE BOX - AO 2-2 VALVE IN POSITION 104 (1 = 104) | =046/1.5 |
| φ 227 | VALVE BOX - AO 2-2 VALVE IN POSITION 106 (1 = 106) | =046/1.8 |
| φ 228 | VALVE BOX - AO 2-2 VALVE TO 104 (1 = TO 104) | =046/1.11 |
| φ 229 | VALVE BOX - AO 2-2 VALVE TO 106 (1 = TO 106) | =046/1.13 |
| φ 230 | SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =055/1.5 |
| φ 231 | SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =055/1.8 |
| φ 232 | SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =055/1.11 |
| φ 233 | SPARE | =055/1.11 |
| φ 234 | SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =056/1.5 |
| φ 235 | SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =056/1.8 |
| φ 236 | SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =056/1.11 |
| φ 237 | SPARE | =056/1.11 |
| φ 238 | VALVE BOX - AO 4-4 3-WAY VALVE LEFT VALVE BOX IN POSITION 101 (1 = 101) | =065/1.5 |
| φ 239 | VALVE BOX - AO 4-4 3-WAY VALVE LEFT VALVE BOX IN POSITION 103 (1 = 103) | =065/1.8 |
| φ 240 | VALVE BOX - AO 4-4 3-WAY VALVE RIGHT VALVE BOX IN POSITION 103 (1 = 103) | =065/1.11 |
| φ 241 | VALVE BOX - AO 4-4 3-WAY VALVE RIGHT VALVE IN POSITION 105 (1 = 105) | =065/1.14 |
| φ 242 | VALVE BOX - AO 4-4 3-WAY VALVE LEFT VALVE BOX TO 101 (1 = TO 101) | =065/2.3 |
| φ 243 | VALVE BOX - AO 4-4 3-WAY VALVE LEFT VALVE BOX TO 103 (1 = TO 103) | =065/2.5 |
| φ 244 | VALVE BOX - AO 4-4 3-WAY VALVE RIGHT VALVE TO 103 (1 = TO 103) | =065/2.7 |
| φ 245 | VALVE BOX - AO 4-4 3-WAY VALVE RIGHT VALVE BOX TO 105 (1 = TO 105) | =065/2.9 |
| φ 246 | VALVE BOX - AO 4-4 3-WAY VALVE LEFT VALVE BOX IN POSITION 102 (1 = 102) | =066/1.5 |
| φ 247 | VALVE BOX - AO 4-4 3-WAY VALVE LEFT VALVE BOX IN POSITION 104 (1 = 104) | =066/1.8 |
| φ 248 | VALVE BOX - AO 4-4 3-WAY VALVE RIGHT VALVE BOX IN POSITION 104 (1 = 104) | =066/1.11 |
| φ 249 | VALVE BOX - AO 4-4 3-WAY VALVE RIGHT VALVE IN POSITION 106 (1 = 106) | =066/1.14 |
| φ 250 | VALVE BOX - AO 4-4 3-WAY VALVE LEFT VALVE BOX TO 102 (1 = TO 102) | =066/2.3 |
| φ 251 | VALVE BOX - AO 4-4 3-WAY VALVE LEFT VALVE BOX TO 104 (1 = TO 104) | =066/2.5 |
| φ 252 | VALVE BOX - AO 4-4 3-WAY VALVE RIGHT VALVE TO 104 (1 = TO 104) | =066/2.7 |
| φ 253 | VALVE BOX - AO 4-4 3-WAY VALVE RIGHT VALVE BOX TO 106 (1 = TO 106) | =066/2.9 |
| φ 254 | SPARE | =066/2.9 |
| φ 255 | LEVEL INDICATOR - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =101/1.5 |



25.B

25.D



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| PROJECT DESCRIPTION | AGROECO ECOMIX - RUSSIA FEEDMILL 40 T/H CCP3 |
| PAGE DESCRIPTION | TERMINAL STRIP RIO301.X56 |

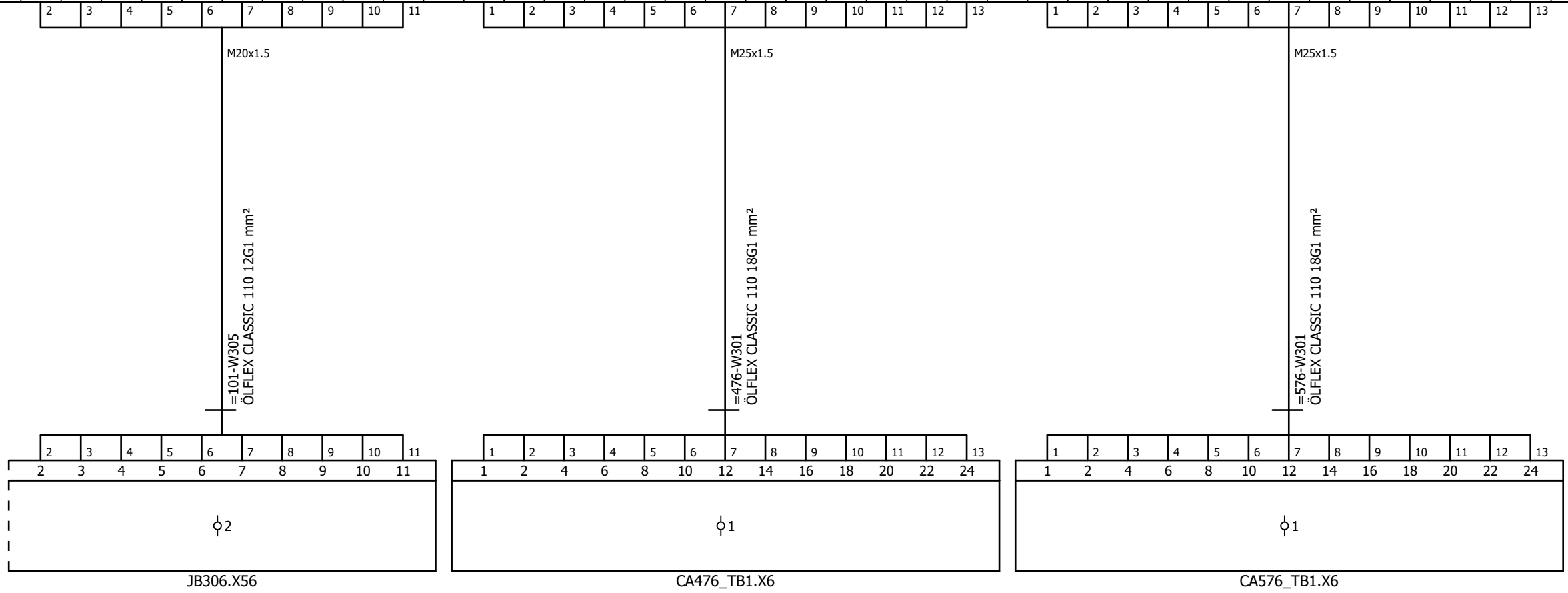
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| DRAUGHTSMAN | JRo | HIGHER-LEVEL FUNCTION | = TERMINAL |
| CREATOR | SDi | HIGHER-LEVEL DESCRIPTION | TERMINAL |
| DATE | 22.09.2020 | ITEM | TERMINAL |
| CHANGED | 26.10.2020 | FIELD | |

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| DRAWING NUMBER | 20108 v0.3 CCP3 |
| DRAWING NUMBER VAN AARSEN | |
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|-----------------|---|-------------|
| φ 256 | LEVEL INDICATOR - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =102/1.5 |
| φ 257 | LEVEL INDICATOR - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =103/1.5 |
| φ 258 | LEVEL INDICATOR - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =104/1.5 |
| φ 259 | LEVEL INDICATOR - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =105/1.5 |
| φ 260 | LEVEL INDICATOR - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =106/1.5 |
| φ 261 | SPARE | =106/1.5 |
| φ 262 | SPARE | =106/1.6 |
| φ 263 | SPARE | =106/1.6 |
| φ 264 | SPARE | =106/1.7 |
| φ 265 | SPARE | =106/1.7 |
| φ 266 | LIQUID DOSING - CONTINUOUS[OIL] VALVE MAIN OPEN (1 = OPEN) | =476/9.5 |
| φ 267 | CASCADE COATER CLC300 VALVE LIQUID SET 1 OPEN (1 = OPEN) | =476/1.5 |
| φ 268 | CASCADE COATER CLC300 VALVE LIQUID SET 3 OPEN (1 = OPEN) | =476/1.12 |
| φ 269 | CASCADE COATER CLC300 VALVE LIQUID SET 5 OPEN (1 = OPEN) | =476/2.5 |
| φ 270 | CASCADE COATER CLC300 VALVE AIR SET 1 OPEN (1 = OPEN) | =476/5.5 |
| φ 271 | CASCADE COATER CLC300 VALVE AIR SET 3 OPEN (1 = OPEN) | =476/5.12 |
| φ 272 | CASCADE COATER CLC300 VALVE AIR SET 5 OPEN (1 = OPEN) | =476/6.5 |
| φ 273 | CASCADE COATER CLC300 VALVE LIQUID SET 2 OPEN (1 = OPEN) | =476/3.5 |
| φ 274 | CASCADE COATER CLC300 VALVE LIQUID SET 4 OPEN (1 = OPEN) | =476/3.12 |
| φ 275 | CASCADE COATER CLC300 VALVE LIQUID SET 6 OPEN (1 = OPEN) | =476/4.5 |
| φ 276 | CASCADE COATER CLC300 VALVE AIR SET 2 OPEN (1 = OPEN) | =476/7.5 |
| φ 277 | CASCADE COATER CLC300 VALVE AIR SET 4 OPEN (1 = OPEN) | =476/7.12 |
| φ 278 | CASCADE COATER CLC300 VALVE AIR SET 6 OPEN (1 = OPEN) | =476/8.5 |
| φ 279 | LIQUID DOSING - CONTINUOUS[OIL] VALVE MAIN OPEN (1 = OPEN) | =576/9.5 |
| φ 280 | CASCADE COATER CLC300 VALVE LIQUID SET 1 OPEN (1 = OPEN) | =576/1.5 |
| φ 281 | CASCADE COATER CLC300 VALVE LIQUID SET 3 OPEN (1 = OPEN) | =576/1.12 |
| φ 282 | CASCADE COATER CLC300 VALVE LIQUID SET 5 OPEN (1 = OPEN) | =576/2.5 |
| φ 283 | CASCADE COATER CLC300 VALVE AIR SET 1 OPEN (1 = OPEN) | =576/5.5 |
| φ 284 | CASCADE COATER CLC300 VALVE AIR SET 3 OPEN (1 = OPEN) | =576/5.12 |
| φ 285 | CASCADE COATER CLC300 VALVE AIR SET 5 OPEN (1 = OPEN) | =576/6.5 |
| φ 286 | CASCADE COATER CLC300 VALVE LIQUID SET 2 OPEN (1 = OPEN) | =576/3.5 |
| φ 287 | CASCADE COATER CLC300 VALVE LIQUID SET 4 OPEN (1 = OPEN) | =576/3.12 |
| φ 288 | CASCADE COATER CLC300 VALVE LIQUID SET 6 OPEN (1 = OPEN) | =576/4.5 |
| φ 289 | CASCADE COATER CLC300 VALVE AIR SET 2 OPEN (1 = OPEN) | =576/7.5 |
| φ 290 | CASCADE COATER CLC300 VALVE AIR SET 4 OPEN (1 = OPEN) | =576/7.12 |
| φ 291 | CASCADE COATER CLC300 VALVE AIR SET 6 OPEN (1 = OPEN) | =576/8.5 |



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| PROJECT DESCRIPTION | AGROECO ECOMIX - RUSSIA FEEDMILL 40 T/H CCP3 |
| PAGE DESCRIPTION | TERMINAL STRIP RIO301.X56 |

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|-------------|------------|--------------------------|------------|
| DRAUGHTSMAN | JRo | HIGHER-LEVEL FUNCTION | = TERMINAL |
| CREATOR | SDi | HIGHER-LEVEL DESCRIPTION | TERMINAL |
| DATE | 22.09.2020 | ITEM | TERMINAL |
| CHANGED | 26.10.2020 | FIELD | |

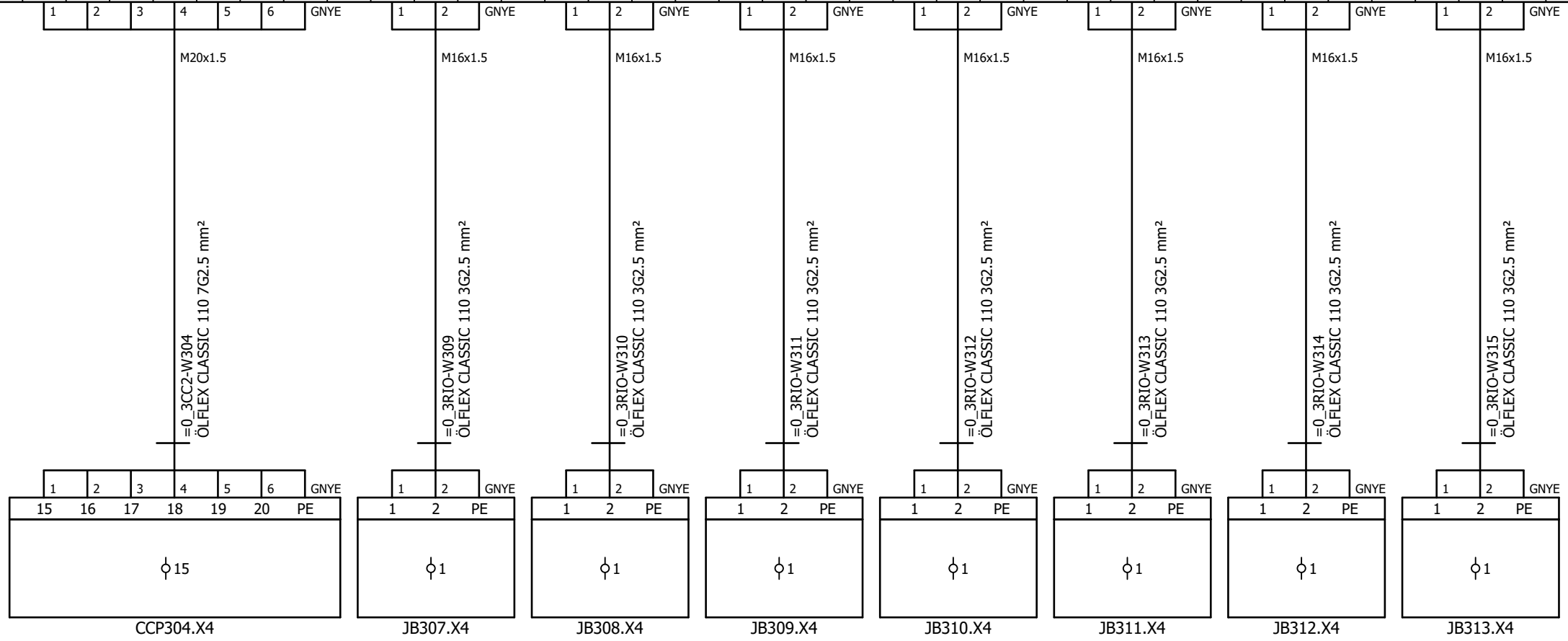
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| DRAWING NUMBER | 20108 v0.3 CCP3 |
| DRAWING NUMBER VAN AARSEN | |
| PROJECT NUMBER SPIE-VDM | 05601.20.1127 |
| PAGE | 25.D /262 |

TERMINAL STRIP

RIO302.X4

| FUNCTION TEXT | PAGE/COLUMN |
|--|---------------|
| CONTROL CURRENT 24VDC GENERAL INPUTS RIO302 | =0_3RIO/8.4 |
| CONTROL CURRENT 24VDC GENERAL OUTPUTS RIO302 | =0_3RIO/8.6 |
| CONTROL CURRENT 24VDC GENERAL DOOR RELAY(S) RIO302 (SPARE) | =0_3RIO/8.8 |
| CONTROL CURRENT 24VDC GENERAL DOOR RELAY(S) RIO302 (SPARE) | =0_3RIO/8.8 |
| CONTROL CURRENT 24VDC PROFINET RIO302 | =0_3RIO/8.10 |
| CONTROL CURRENT 24VDC PROFINET RIO302 | =0_3RIO/8.10 |
| CONTROL CURRENT 24VDC PROFINET RIO302 | =0_3RIO/8.11 |
| | |
| CONTROL CURRENT 24VDC JB307 | =0_3RIO/9.3 |
| CONTROL CURRENT 24VDC JB307 | =0_3RIO/9.3 |
| CONTROL CURRENT 24VDC JB307 | =0_3RIO/9.4 |
| | |
| CONTROL CURRENT 24VDC JB308 | =0_3RIO/9.7 |
| CONTROL CURRENT 24VDC JB308 | =0_3RIO/9.7 |
| CONTROL CURRENT 24VDC JB308 | =0_3RIO/9.8 |
| | |
| CONTROL CURRENT 24VDC JB309 | =0_3RIO/9.11 |
| CONTROL CURRENT 24VDC JB309 | =0_3RIO/9.11 |
| CONTROL CURRENT 24VDC JB309 | =0_3RIO/9.12 |
| | |
| CONTROL CURRENT 24VDC JB310 | =0_3RIO/9.15 |
| CONTROL CURRENT 24VDC JB310 | =0_3RIO/9.15 |
| CONTROL CURRENT 24VDC JB310 | =0_3RIO/9.16 |
| | |
| CONTROL CURRENT 24VDC JB311 | =0_3RIO/10.3 |
| CONTROL CURRENT 24VDC JB311 | =0_3RIO/10.3 |
| CONTROL CURRENT 24VDC JB311 | =0_3RIO/10.4 |
| | |
| CONTROL CURRENT 24VDC JB312 | =0_3RIO/10.7 |
| CONTROL CURRENT 24VDC JB312 | =0_3RIO/10.7 |
| CONTROL CURRENT 24VDC JB312 | =0_3RIO/10.8 |
| | |
| CONTROL CURRENT 24VDC JB313 | =0_3RIO/10.11 |
| CONTROL CURRENT 24VDC JB313 | =0_3RIO/10.11 |
| CONTROL CURRENT 24VDC JB313 | =0_3RIO/10.12 |

TERMINAL NUMBER



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PROJECT DESCRIPTION AGROECO ECOMIX - RUSSIA
FEEDMILL 40 T/H CCP3
PAGE DESCRIPTION TERMINAL STRIP RIO302.X4

DRAUGHTSMAN JRo
CREATOR SDi
DATE 22.09.2020
CHANGED 26.10.2020

HIGHER-LEVEL FUNCTION = TERMINAL
HIGHER-LEVEL DESCRIPTION TERMINAL
ITEM TERMINAL
FIELD

DRAWING NUMBER 20108 v0.3 CCP3
DRAWING NUMBER VAN AARSEN
PROJECT NUMBER SPIE-VDM 05601.20.1127
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TERMINAL STRIP

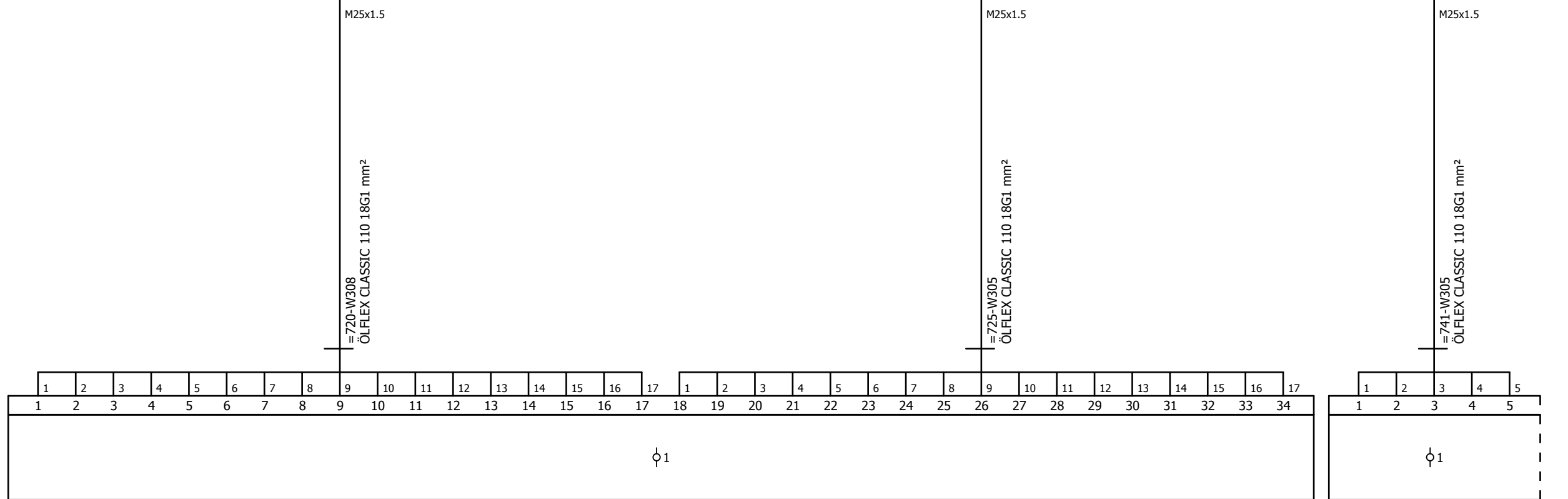
RIO302.X56

| FUNCTION TEXT | PAGE/COLUMN |
|---|-------------|
| CHAIN CONVEYOR MOTOR WORK SWITCH (0 = FAULT) | =720/3.5 |
| CHAIN CONVEYOR OVERFLOW OK (0 = FAULT) | =720/3.8 |
| CHAIN CONVEYOR SPEED MONITOR PULSE (1 = PULS) | =720/3.11 |
| SPARE | =720/3.12 |
| FAN WITH FILTER - BASIC FAN WORK SWITCH (0 = FAULT) | =721/3.3 |
| SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =722/1.5 |
| SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =722/1.8 |
| SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =722/1.11 |
| SPARE | =722/1.11 |
| SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =723/1.5 |
| SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =723/1.8 |
| SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =723/1.11 |
| SPARE | =723/1.11 |
| SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =724/1.5 |
| SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =724/1.8 |
| SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =724/1.11 |
| SPARE | =724/1.11 |
| SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =725/1.5 |
| SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =725/1.8 |
| SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =725/1.11 |
| SPARE | =725/1.11 |
| SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =726/1.5 |
| SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =726/1.8 |
| SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =726/1.11 |
| SPARE | =726/1.11 |
| SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =727/1.5 |
| SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =727/1.8 |
| SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =727/1.11 |
| SPARE | =727/1.11 |
| SPARE | =727/1.12 |
| SPARE | =727/1.12 |
| SPARE | =727/1.13 |
| SPARE | =727/1.13 |
| SPARE | =727/1.13 |
| FAN WITH FILTER - BASIC FAN WORK SWITCH (0 = FAULT) | =741/3.3 |
| SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =742/1.5 |
| SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =742/1.8 |
| SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =742/1.11 |
| SPARE | =742/1.11 |

TERMINAL NUMBER

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| φ101 | φ102 | φ103 | φ104 | φ105 | φ106 | φ107 | φ108 | φ109 | φ110 | φ111 | φ112 | φ113 | φ114 | φ115 | φ116 | φ117 | φ118 | φ119 | φ120 | φ121 | φ122 | φ123 | φ124 | φ125 | φ126 | φ127 | φ128 | φ129 | φ130 | φ131 | φ132 | φ133 | φ134 | φ135 | φ136 | φ137 | φ138 | φ139 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

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| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|---|---|---|---|---|



JB307.X56

JB308.X56



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| PROJECT DESCRIPTION | AGROECO ECOMIX - RUSSIA FEEDMILL 40 T/H CCP3 |
| PAGE DESCRIPTION | TERMINAL STRIP RIO302.X56 |

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| DRAUGHTSMAN | JRo | HIGHER-LEVEL FUNCTION | = TERMINAL |
| CREATOR | SDi | HIGHER-LEVEL DESCRIPTION | TERMINAL |
| DATE | 22.09.2020 | ITEM | TERMINAL |
| CHANGED | 26.10.2020 | FIELD | |

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| DRAWING NUMBER | 20108 v0.3 CCP3 |
| DRAWING NUMBER VAN AARSEN | |
| PROJECT NUMBER SPIE-VDM | 05601.20.1127 |
| PAGE | 27 /262 |

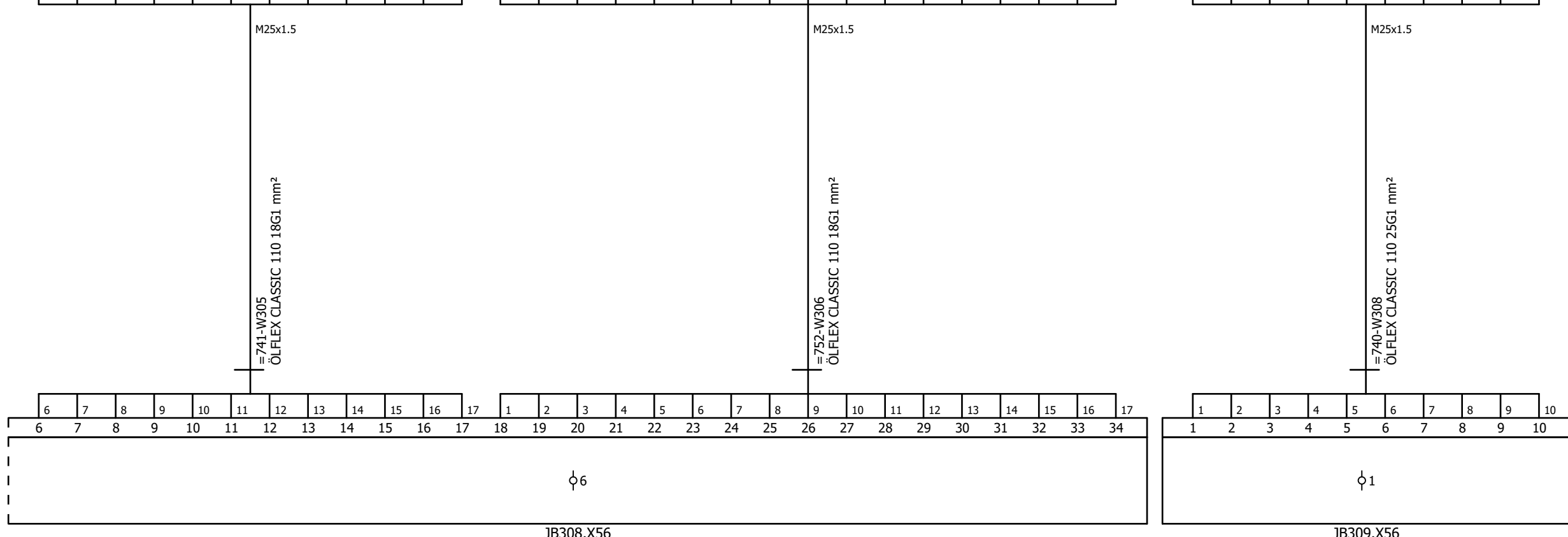
TERMINAL STRIP

RIO302.X56

| FUNCTION TEXT | PAGE/COLUMN |
|--|-------------|
| SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =743/1.5 |
| SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =743/1.8 |
| SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =743/1.11 |
| SPARE | =743/1.11 |
| SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =744/1.5 |
| SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =744/1.8 |
| SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =744/1.11 |
| SPARE | =744/1.11 |
| SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =745/1.5 |
| SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =745/1.8 |
| SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =745/1.11 |
| SPARE | =745/1.11 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 815 (1 = 815) | =752/1.5 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 816 (1 = 816) | =752/1.8 |
| VALVE BOX - AO 2-2 VALVE TO 815 (1 = TO 815) | =752/1.11 |
| VALVE BOX - AO 2-2 VALVE TO 816 (1 = TO 816) | =752/1.13 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 817 (1 = 817) | =753/1.5 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 818 (1 = 818) | =753/1.8 |
| VALVE BOX - AO 2-2 VALVE TO 817 (1 = TO 817) | =753/1.11 |
| VALVE BOX - AO 2-2 VALVE TO 818 (1 = TO 818) | =753/1.13 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 819 (1 = 819) | =754/1.5 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 820 (1 = 820) | =754/1.8 |
| VALVE BOX - AO 2-2 VALVE TO 819 (1 = TO 819) | =754/1.11 |
| VALVE BOX - AO 2-2 VALVE TO 820 (1 = TO 820) | =754/1.13 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 821 (1 = 821) | =755/1.5 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 822 (1 = 822) | =755/1.8 |
| VALVE BOX - AO 2-2 VALVE TO 821 (1 = TO 821) | =755/1.11 |
| VALVE BOX - AO 2-2 VALVE TO 822 (1 = TO 822) | =755/1.13 |
| SPARE | =755/1.13 |
| CHAIN CONVEYOR MOTOR WORK SWITCH (0 = FAULT) | =740/3.5 |
| CHAIN CONVEYOR OVERFLOW OK (0 = FAULT) | =740/3.8 |
| CHAIN CONVEYOR SPEED MONITOR PULSE (1 = PULS) | =740/3.11 |
| SPARE | =740/3.12 |
| SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =746/1.5 |
| SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =746/1.8 |
| SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =746/1.11 |
| SPARE | =746/1.11 |
| SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =747/1.5 |
| SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =747/1.8 |

TERMINAL NUMBER

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| φ 140 | φ 141 | φ 142 | φ 143 | φ 144 | φ 145 | φ 146 | φ 147 | φ 148 | φ 149 | φ 150 | φ 151 | φ 152 | φ 153 | φ 154 | φ 155 | φ 156 | φ 157 | φ 158 | φ 159 | φ 160 | φ 161 | φ 162 | φ 163 | φ 164 | φ 165 | φ 166 | φ 167 | φ 168 | | φ 169 | φ 170 | φ 171 | φ 172 | φ 173 | φ 174 | φ 175 | φ 176 | φ 177 | φ 178 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|



v. AARSEN INT. B.V.
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| PROJECT DESCRIPTION | AGROECO ECOMIX - RUSSIA FEEDMILL 40 T/H CCP3 |
| PAGE DESCRIPTION | TERMINAL STRIP RIO302.X56 |

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| DRAUGHTSMAN | JRo | HIGHER-LEVEL FUNCTION | = TERMINAL |
| CREATOR | SDi | HIGHER-LEVEL DESCRIPTION | TERMINAL |
| DATE | 22.09.2020 | ITEM | TERMINAL |
| CHANGED | 26.10.2020 | FIELD | |

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| DRAWING NUMBER | 20108 v0.3 CCP3 |
| DRAWING NUMBER VAN AARSEN | |
| PROJECT NUMBER SPIE-VDM | 05601.20.1127 |
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TERMINAL STRIP

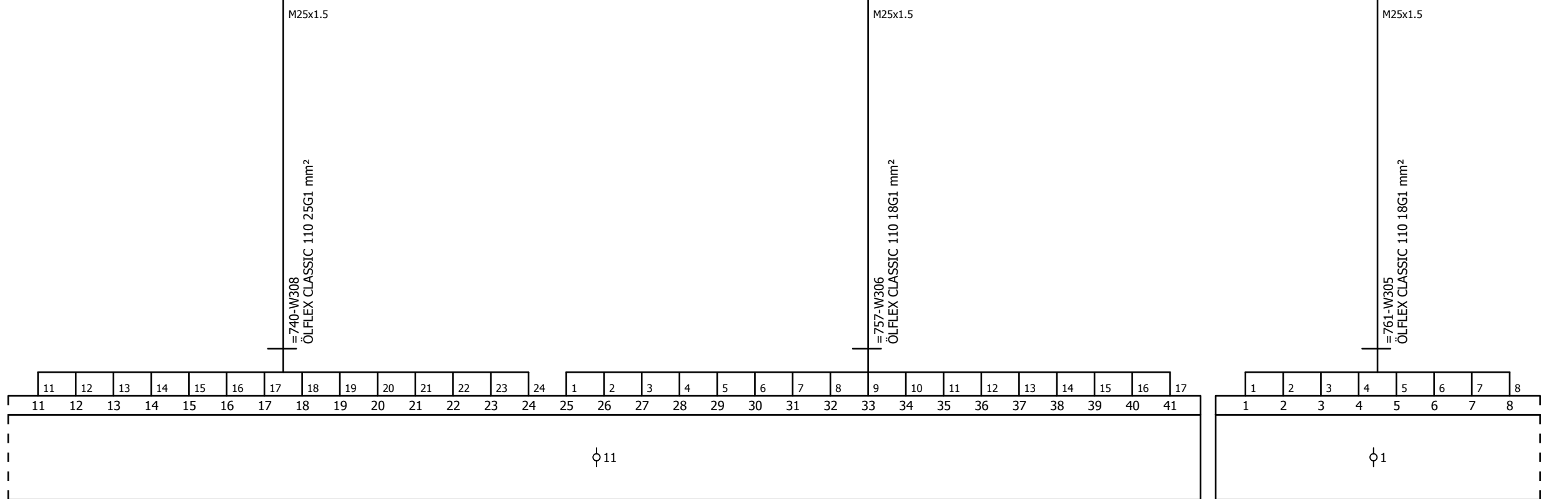
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| FUNCTION TEXT | PAGE/COLUMN |
|---|-------------|
| SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =747/1.11 |
| SPARE | =747/1.11 |
| SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =748/1.5 |
| SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =748/1.8 |
| SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =748/1.11 |
| SPARE | =748/1.11 |
| SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =749/1.5 |
| SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =749/1.8 |
| SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =749/1.11 |
| SPARE | =749/1.11 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 823 (1 = 823) | =756/1.5 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 824 (1 = 824) | =756/1.8 |
| VALVE BOX - AO 2-2 VALVE TO 823 (1 = TO 823) | =756/1.11 |
| VALVE BOX - AO 2-2 VALVE TO 824 (1 = TO 824) | =756/1.13 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 825 (1 = 825) | =757/1.5 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 826 (1 = 826) | =757/1.8 |
| VALVE BOX - AO 2-2 VALVE TO 825 (1 = TO 825) | =757/1.11 |
| VALVE BOX - AO 2-2 VALVE TO 826 (1 = TO 826) | =757/1.13 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 827 (1 = 827) | =758/1.5 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 828 (1 = 828) | =758/1.8 |
| VALVE BOX - AO 2-2 VALVE TO 827 (1 = TO 827) | =758/1.11 |
| VALVE BOX - AO 2-2 VALVE TO 828 (1 = TO 828) | =758/1.13 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 829 (1 = 829) | =759/1.5 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 830 (1 = 830) | =759/1.8 |
| VALVE BOX - AO 2-2 VALVE TO 829 (1 = TO 829) | =759/1.11 |
| VALVE BOX - AO 2-2 VALVE TO 830 (1 = TO 830) | =759/1.13 |
| SPARE | =759/1.13 |
| SPARE | =759/1.14 |
| SPARE | =759/1.14 |
| SPARE | =759/1.15 |
| SPARE | =759/1.16 |
| FAN WITH FILTER - BASIC FAN WORK SWITCH (0 = FAULT) | =761/3.3 |
| SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =762/1.5 |
| SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =762/1.8 |
| SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =762/1.11 |
| SPARE | =762/1.11 |
| SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =763/1.5 |
| SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =763/1.8 |
| SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =763/1.11 |

TERMINAL NUMBER

- φ 179
- φ 180
- φ 181
- φ 182
- φ 183
- φ 184
- φ 185
- φ 186
- φ 187
- φ 188
- φ 189
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- φ 215
- φ 216
- φ 217



27.A

27.C



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| PROJECT DESCRIPTION | AGROECO ECOMIX - RUSSIA FEEDMILL 40 T/H CCP3 |
| PAGE DESCRIPTION | TERMINAL STRIP RIO302.X56 |

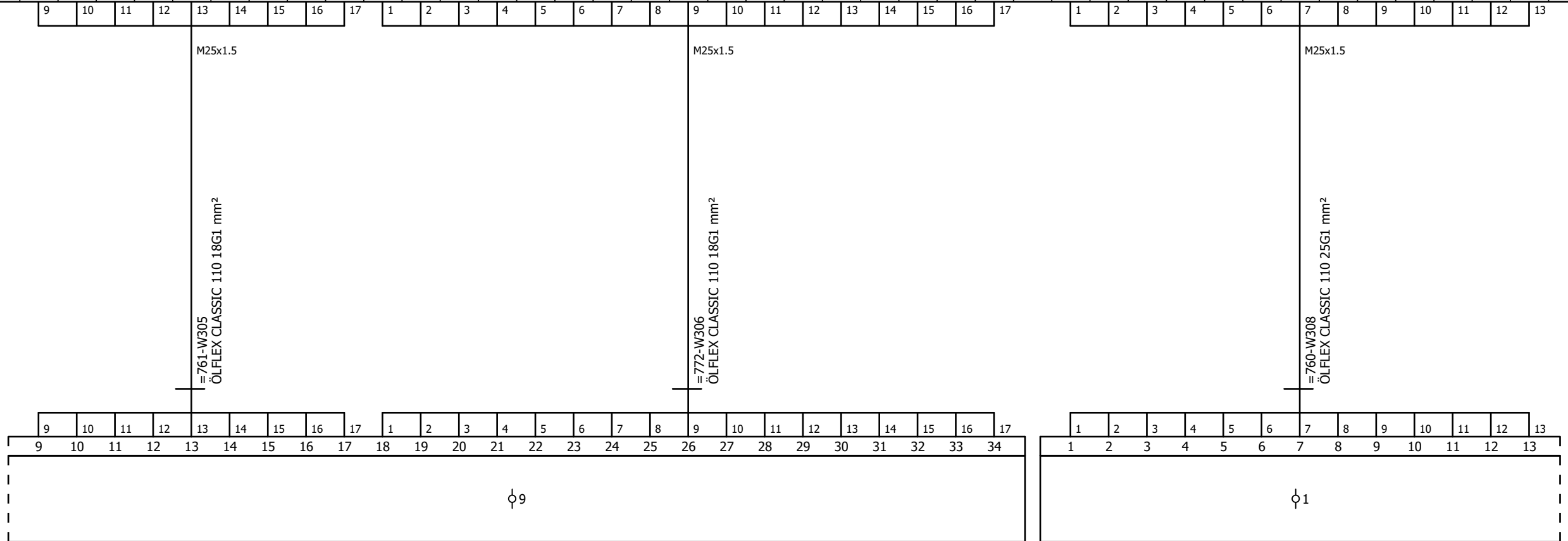
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| CREATOR | SDi | HIGHER-LEVEL DESCRIPTION | TERMINAL |
| DATE | 22.09.2020 | ITEM | TERMINAL |
| CHANGED | 26.10.2020 | FIELD | |

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| DRAWING NUMBER | 20108 v0.3 CCP3 |
| DRAWING NUMBER VAN AARSEN | |
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TERMINAL STRIP

RIO302.X56

| TERMINAL NUMBER | FUNCTION TEXT | PAGE/COLUMN |
|-----------------|--|-------------|
| φ 218 | SPARE | =763/1.11 |
| φ 219 | SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =764/1.5 |
| φ 220 | SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =764/1.8 |
| φ 221 | SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =764/1.11 |
| φ 222 | SPARE | =764/1.11 |
| φ 223 | SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =765/1.5 |
| φ 224 | SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =765/1.8 |
| φ 225 | SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =765/1.11 |
| φ 226 | SPARE | =765/1.11 |
| φ 227 | VALVE BOX - AO 2-2 VALVE IN POSITION 815 (1 = 815) | =772/1.5 |
| φ 228 | VALVE BOX - AO 2-2 VALVE IN POSITION 816 (1 = 816) | =772/1.8 |
| φ 229 | VALVE BOX - AO 2-2 VALVE TO 815 (1 = TO 815) | =772/1.11 |
| φ 230 | VALVE BOX - AO 2-2 VALVE TO 816 (1 = TO 816) | =772/1.13 |
| φ 231 | VALVE BOX - AO 2-2 VALVE IN POSITION 817 (1 = 817) | =773/1.5 |
| φ 232 | VALVE BOX - AO 2-2 VALVE IN POSITION 818 (1 = 818) | =773/1.8 |
| φ 233 | VALVE BOX - AO 2-2 VALVE TO 817 (1 = TO 817) | =773/1.11 |
| φ 234 | VALVE BOX - AO 2-2 VALVE TO 818 (1 = TO 818) | =773/1.13 |
| φ 235 | VALVE BOX - AO 2-2 VALVE IN POSITION 819 (1 = 819) | =774/1.5 |
| φ 236 | VALVE BOX - AO 2-2 VALVE IN POSITION 820 (1 = 820) | =774/1.8 |
| φ 237 | VALVE BOX - AO 2-2 VALVE TO 819 (1 = TO 819) | =774/1.11 |
| φ 238 | VALVE BOX - AO 2-2 VALVE TO 820 (1 = TO 820) | =774/1.13 |
| φ 239 | VALVE BOX - AO 2-2 VALVE IN POSITION 821 (1 = 821) | =775/1.5 |
| φ 240 | VALVE BOX - AO 2-2 VALVE IN POSITION 822 (1 = 822) | =775/1.8 |
| φ 241 | VALVE BOX - AO 2-2 VALVE TO 821 (1 = TO 821) | =775/1.11 |
| φ 242 | VALVE BOX - AO 2-2 VALVE TO 822 (1 = TO 822) | =775/1.13 |
| φ 243 | SPARE | =775/1.13 |
| φ 244 | CHAIN CONVEYOR MOTOR WORK SWITCH (0 = FAULT) | =760/3.5 |
| φ 245 | CHAIN CONVEYOR OVERFLOW OK (0 = FAULT) | =760/3.8 |
| φ 246 | CHAIN CONVEYOR SPEED MONITOR PULSE (1 = PULS) | =760/3.11 |
| φ 247 | SPARE | =760/3.12 |
| φ 248 | SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =766/1.5 |
| φ 249 | SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =766/1.8 |
| φ 250 | SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =766/1.11 |
| φ 251 | SPARE | =766/1.11 |
| φ 252 | SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =767/1.5 |
| φ 253 | SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =767/1.8 |
| φ 254 | SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =767/1.11 |
| φ 255 | SPARE | =767/1.11 |
| φ 256 | SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =768/1.5 |



JB310.X56

JB311.X56

27.B

27.D



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| PROJECT DESCRIPTION | AGROECO ECOMIX - RUSSIA FEEDMILL 40 T/H CCP3 |
| PAGE DESCRIPTION | TERMINAL STRIP RIO302.X56 |

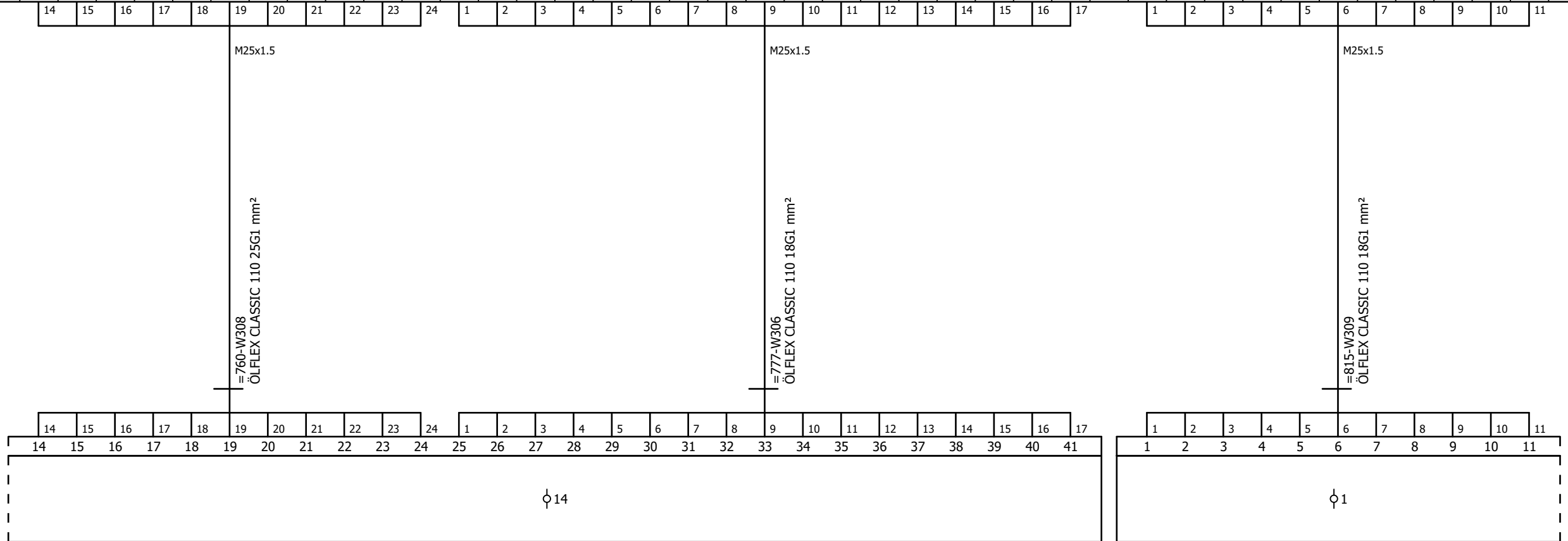
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| CREATOR | SDi | HIGHER-LEVEL DESCRIPTION | TERMINAL |
| DATE | 22.09.2020 | ITEM | TERMINAL |
| CHANGED | 26.10.2020 | FIELD | |

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| DRAWING NUMBER | 20108 v0.3 CCP3 |
| DRAWING NUMBER VAN AARSEN | |
| PROJECT NUMBER SPIE-VDM | 05601.20.1127 |
| PAGE | 27.C /262 |

TERMINAL STRIP

RIO302.X56

| TERMINAL NUMBER | FUNCTION TEXT | PAGE/COLUMN |
|-----------------|--|-------------|
| φ 257 | SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =768/1.8 |
| φ 258 | SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =768/1.11 |
| φ 259 | SPARE | =768/1.11 |
| φ 260 | SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =769/1.5 |
| φ 261 | SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =769/1.8 |
| φ 262 | SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =769/1.11 |
| φ 263 | SPARE | =769/1.11 |
| φ 264 | VALVE BOX - AO 2-2 VALVE IN POSITION 823 (1 = 823) | =776/1.5 |
| φ 265 | VALVE BOX - AO 2-2 VALVE IN POSITION 824 (1 = 824) | =776/1.8 |
| φ 266 | VALVE BOX - AO 2-2 VALVE TO 823 (1 = TO 823) | =776/1.11 |
| φ 267 | VALVE BOX - AO 2-2 VALVE TO 824 (1 = TO 824) | =776/1.13 |
| φ 268 | VALVE BOX - AO 2-2 VALVE IN POSITION 825 (1 = 825) | =777/1.5 |
| φ 269 | VALVE BOX - AO 2-2 VALVE IN POSITION 826 (1 = 826) | =777/1.8 |
| φ 270 | VALVE BOX - AO 2-2 VALVE TO 825 (1 = TO 825) | =777/1.11 |
| φ 271 | VALVE BOX - AO 2-2 VALVE TO 826 (1 = TO 826) | =777/1.13 |
| φ 272 | VALVE BOX - AO 2-2 VALVE IN POSITION 827 (1 = 827) | =778/1.5 |
| φ 273 | VALVE BOX - AO 2-2 VALVE IN POSITION 828 (1 = 828) | =778/1.8 |
| φ 274 | VALVE BOX - AO 2-2 VALVE TO 827 (1 = TO 827) | =778/1.11 |
| φ 275 | VALVE BOX - AO 2-2 VALVE TO 828 (1 = TO 828) | =778/1.13 |
| φ 276 | VALVE BOX - AO 2-2 VALVE IN POSITION 829 (1 = 829) | =779/1.5 |
| φ 277 | VALVE BOX - AO 2-2 VALVE IN POSITION 830 (1 = 830) | =779/1.8 |
| φ 278 | VALVE BOX - AO 2-2 VALVE TO 829 (1 = TO 829) | =779/1.11 |
| φ 279 | VALVE BOX - AO 2-2 VALVE TO 830 (1 = TO 830) | =779/1.13 |
| φ 280 | SPARE | =779/1.13 |
| φ 281 | SPARE | =779/1.14 |
| φ 282 | SPARE | =779/1.14 |
| φ 283 | SPARE | =779/1.15 |
| φ 284 | SPARE | =779/1.16 |
| φ 285 | LEVEL INDICATOR SILO - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =815/1.5 |
| φ 286 | LEVEL INDICATOR SILO - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =816/1.5 |
| φ 287 | LEVEL INDICATOR SILO - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =817/1.5 |
| φ 288 | LEVEL INDICATOR SILO - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =818/1.5 |
| φ 289 | LEVEL INDICATOR SILO - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =819/1.5 |
| φ 290 | LEVEL INDICATOR SILO - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =820/1.5 |
| φ 291 | LEVEL INDICATOR SILO - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =821/1.5 |
| φ 292 | LEVEL INDICATOR SILO - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =822/1.5 |
| φ 293 | LEVEL INDICATOR SILO - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =823/1.5 |
| φ 294 | LEVEL INDICATOR SILO - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =824/1.5 |
| φ 295 | LEVEL INDICATOR SILO - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =825/1.5 |



JB311.X56

JB312.X56

27.C

27.E



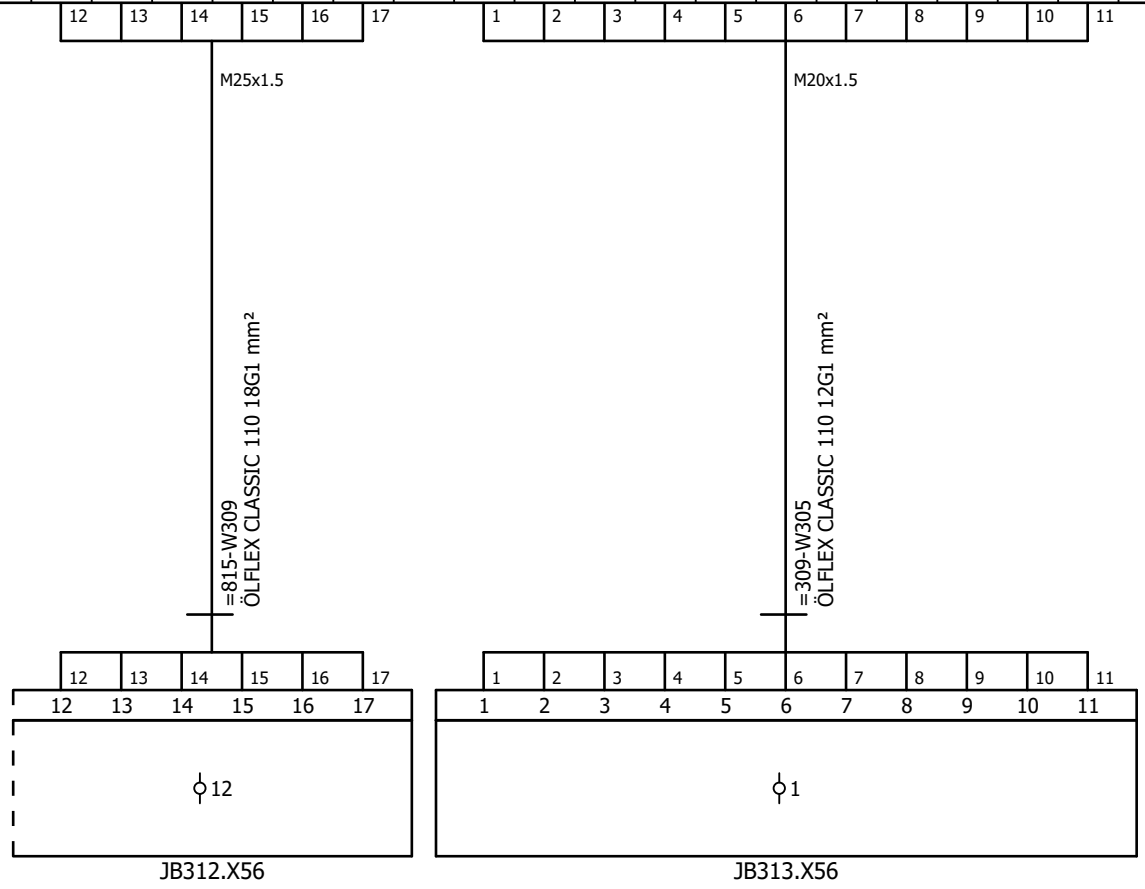
v. AARSEN INT. B.V.
PANHEEL
THE NETHERLANDS

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| PROJECT DESCRIPTION | AGROECO ECOMIX - RUSSIA FEEDMILL 40 T/H CCP3 |
| PAGE DESCRIPTION | TERMINAL STRIP RIO302.X56 |

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| DRAUGHTSMAN | JRo | HIGHER-LEVEL FUNCTION | = TERMINAL |
| CREATOR | SDi | HIGHER-LEVEL DESCRIPTION | TERMINAL |
| DATE | 22.09.2020 | ITEM | TERMINAL |
| CHANGED | 26.10.2020 | FIELD | |

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| DRAWING NUMBER | 20108 v0.3 CCP3 |
| DRAWING NUMBER VAN AARSEN | |
| PROJECT NUMBER SPIE-VDM | 05601.20.1127 |
| PAGE | 27.D /262 |

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|-----------------|---------------|--|
| TERMINAL STRIP | | |
| RIO302.X56 | PAGE/COLUMN | =826/1.5 |
| | FUNCTION TEXT | LEVEL INDICATOR SILO - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) |
| | | LEVEL INDICATOR SILO - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) |
| | | LEVEL INDICATOR SILO - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) |
| | | LEVEL INDICATOR SILO - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) |
| | | LEVEL INDICATOR SILO - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) |
| | | LEVEL INDICATOR SILO - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) |
| | | SPARE |
| | | |
| | | SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) |
| | | SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) |
| | | SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) |
| | | SPARE |
| | | EXPLOSION MEMBRANE INDICATOR EXPLOSION (0 = EXPLOSION) |
| | | ROTARY VALVE MOTOR WORK SWITCH (0 = FAULT) |
| | | LEVEL INDICATOR SILO - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) |
| | | LEVEL INDICATOR SILO - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) |
| | | SPARE |
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| TERMINAL NUMBER | φ 296 | φ 302 |
| | φ 297 | φ 303 |
| | φ 298 | φ 304 |
| | φ 299 | φ 305 |
| | φ 300 | φ 306 |
| | φ 301 | φ 307 |
| | | φ 308 |
| | | φ 309 |
| | | φ 310 |
| | | φ 311 |
| | | φ 312 |



27.D

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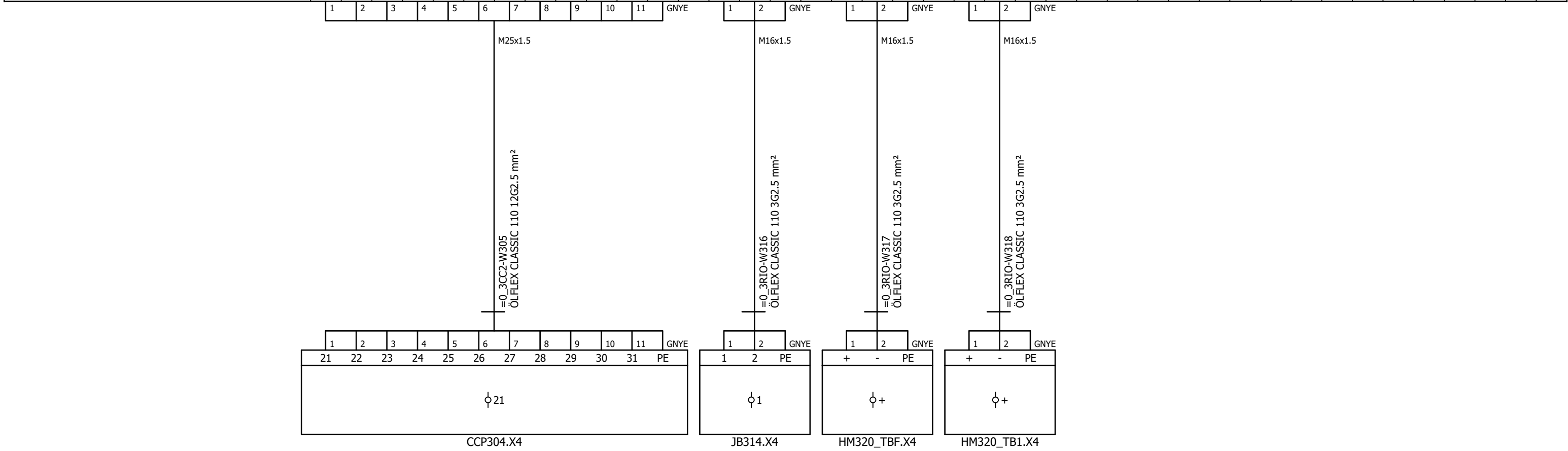
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FEEDMILL 40 T/H CCP3
PAGE DESCRIPTION: TERMINAL STRIP RIO302.X56

DRAUGHTSMAN: JRo
CREATOR: SDi
DATE: 22.09.2020
CHANGED: 26.10.2020

HIGHER-LEVEL FUNCTION: =TERMINAL
HIGHER-LEVEL DESCRIPTION: TERMINAL
ITEM: TERMINAL
FIELD:

DRAWING NUMBER: 20108 v0.3 CCP3
DRAWING NUMBER: VAN AARSEN
PROJECT NUMBER: 05601.20.1127
PAGE: 27.E /262

| TERMINAL STRIP | PAGE/COLUMN | FUNCTION TEXT |
|----------------|---------------|--|
| RIO303.X4 | =0_3RIO/13.4 | CONTROL CURRENT 24VDC GENERAL INPUTS RIO303 |
| | =0_3RIO/13.6 | CONTROL CURRENT 24VDC GENERAL OUTPUTS RIO303 |
| | =0_3RIO/13.8 | CONTROL CURRENT 24VDC GENERAL DOOR RELAY(S) RIO303 |
| | =0_3RIO/13.8 | CONTROL CURRENT 24VDC GENERAL DOOR RELAY(S) RIO303 |
| | =0_3RIO/13.10 | CONTROL CURRENT 24VDC PROFINET RIO303 |
| | =0_3RIO/13.10 | CONTROL CURRENT 24VDC PROFINET RIO303 |
| | =0_3RIO/13.12 | CONTROL CURRENT 24VDC GENERAL OUTPUTS MACHINE STOP HM320 |
| | =0_3RIO/13.14 | SPARE |
| | =0_3RIO/13.14 | SPARE |
| | =0_3RIO/13.15 | SPARE |
| | =0_3RIO/13.15 | SPARE |
| | =0_3RIO/13.16 | SPARE |
| | | |
| | =0_3RIO/14.3 | CONTROL CURRENT 24VDC JB314 |
| | =0_3RIO/14.3 | CONTROL CURRENT 24VDC JB314 |
| | =0_3RIO/14.4 | CONTROL CURRENT 24VDC JB314 |
| | | |
| | =0_3RIO/14.7 | CONTROL CURRENT 24VDC HM320_TBF |
| | =0_3RIO/14.7 | CONTROL CURRENT 24VDC HM320_TBF |
| | =0_3RIO/14.8 | CONTROL CURRENT 24VDC HM320_TBF |
| | | |
| | =0_3RIO/14.11 | CONTROL CURRENT 24VDC HM320_TB1 |
| | =0_3RIO/14.11 | CONTROL CURRENT 24VDC HM320_TB1 |
| | =0_3RIO/14.12 | CONTROL CURRENT 24VDC HM320_TB1 |



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| PROJECT DESCRIPTION | AGROECO ECOMIX - RUSSIA FEEDMILL 40 T/H CCP3 |
| PAGE DESCRIPTION | TERMINAL STRIP RIO303.X4 |

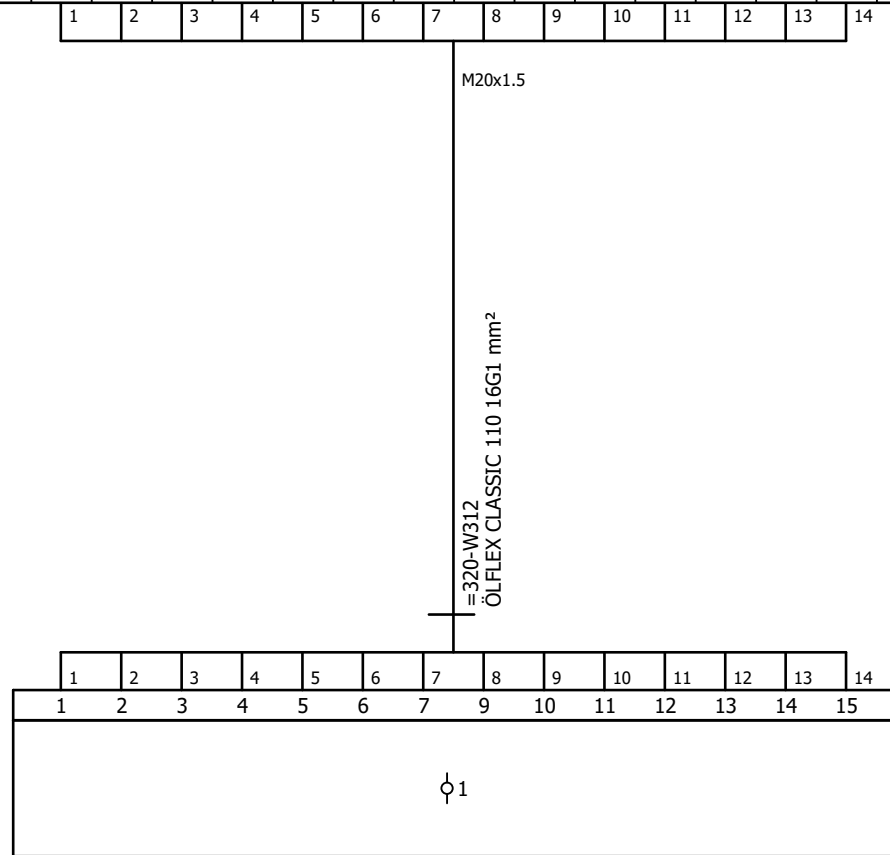
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| CREATOR | SDi | HIGHER-LEVEL DESCRIPTION | TERMINAL |
| DATE | 22.09.2020 | ITEM | TERMINAL |
| CHANGED | 26.10.2020 | FIELD | |

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| DRAWING NUMBER | 20108 v0.3 CCP3 |
| DRAWING NUMBER VAN AARSEN | |
| PROJECT NUMBER SPIE-VDM | 05601.20.1127 |
| PAGE | 28 /262 |

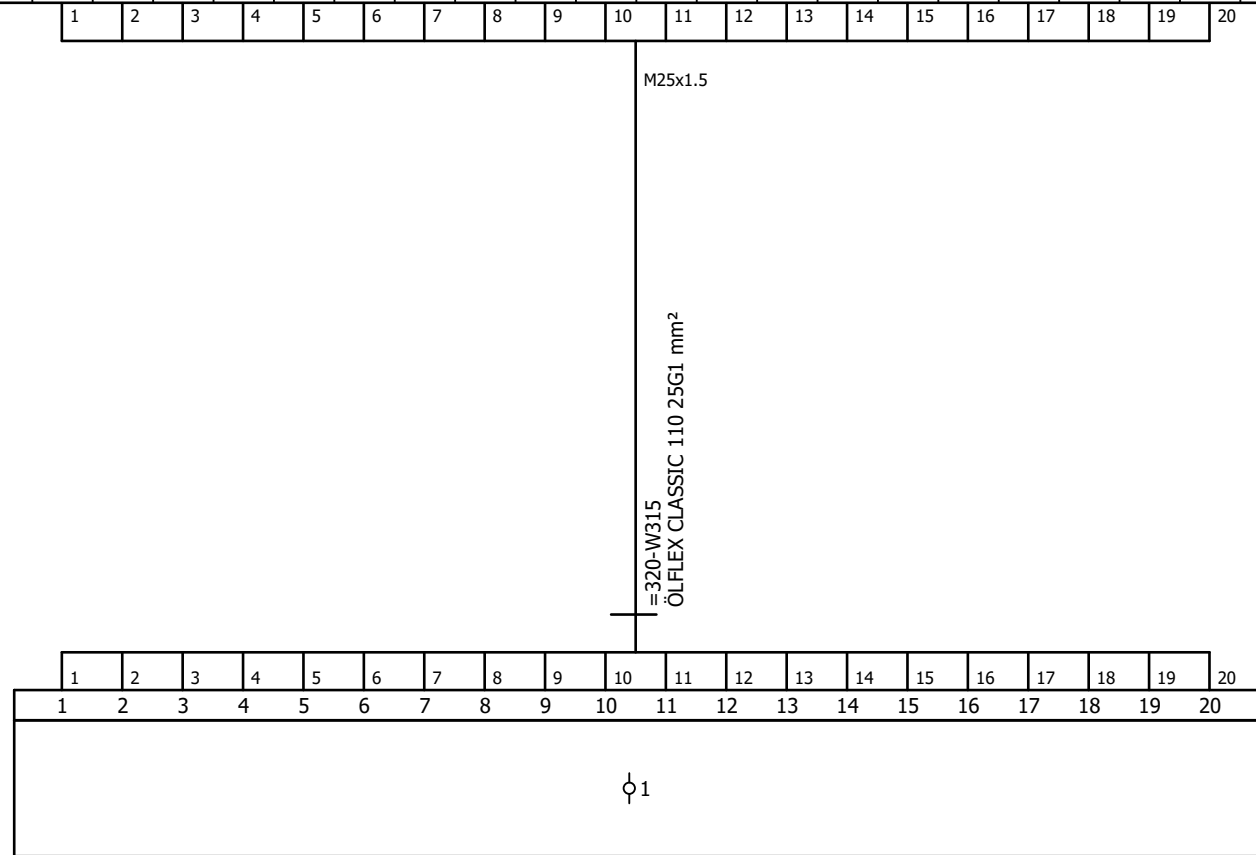
TERMINAL STRIP

RIO303.X8

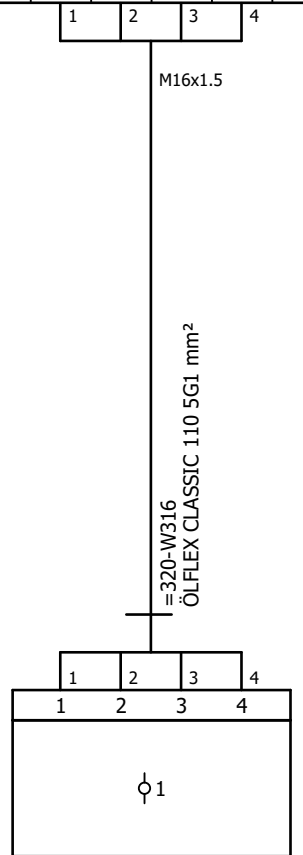
| TERMINAL NUMBER | FUNCTION TEXT | PAGE/COLUMN |
|-----------------|---|-------------|
| φ1 | HAMMER MILL INDICATOR IRON COLLECTOR MS IN PLACE (1 = FAULT) | =320/9.7 |
| φ2 | HAMMER MILL INDICATOR IRON COLLECTOR MS IN PLACE (1 = FAULT) | =320/9.7 |
| φ3 | HAMMER MILL INDICATOR IRON COLLECTOR MS IN PLACE (1 = FAULT) | =320/9.6 |
| φ4 | HAMMER MILL INDICATOR IRON COLLECTOR MS IN PLACE (1 = FAULT) | =320/9.5 |
| φ5 | HAMMER MILL INDICATOR IRON COLLECTOR MS IN PLACE (1 = FAULT) | =320/9.6 |
| φ6 | HAMMER MILL INDICATOR IRON COLLECTOR MS IN PLACE (1 = FAULT) | =320/9.7 |
| φ7 | HAMMER MILL INDICATOR IRON COLLECTOR MS IN PLACE (1 = FAULT) | =320/9.5 |
| φ8 | HAMMER MILL INDICATOR IRON COLLECTOR NMS IN PLACE (1 = FAULT) | =320/9.15 |
| φ9 | HAMMER MILL INDICATOR IRON COLLECTOR NMS IN PLACE (1 = FAULT) | =320/9.16 |
| φ10 | HAMMER MILL INDICATOR IRON COLLECTOR NMS IN PLACE (1 = FAULT) | =320/9.15 |
| φ11 | HAMMER MILL INDICATOR IRON COLLECTOR NMS IN PLACE (1 = FAULT) | =320/9.14 |
| φ12 | HAMMER MILL INDICATOR IRON COLLECTOR NMS IN PLACE (1 = FAULT) | =320/9.15 |
| φ13 | HAMMER MILL INDICATOR IRON COLLECTOR NMS IN PLACE (1 = FAULT) | =320/9.16 |
| φ14 | HAMMER MILL INDICATOR IRON COLLECTOR NMS IN PLACE (1 = FAULT) | =320/9.14 |
| φ15 | HAMMER MILL - 1400 GD DOOR MS UNLOCKED (1 = UNLOCKED) | =320/13.5 |
| φ16 | HAMMER MILL - 1400 GD DOOR MS UNLOCKED (1 = UNLOCKED) | =320/13.5 |
| φ17 | HAMMER MILL - 1400 GD DOOR MS UNLOCKED (1 = UNLOCKED) | =320/13.6 |
| φ18 | HAMMER MILL - 1400 GD DOOR MS UNLOCKED (1 = UNLOCKED) | =320/13.6 |
| φ19 | HAMMER MILL - 1400 GD DOOR MS UNLOCKED (1 = UNLOCKED) | =320/13.6 |
| φ20 | HAMMER MILL - 1400 GD DOOR MS UNLOCKED (1 = UNLOCKED) | =320/13.7 |
| φ21 | HAMMER MILL - 1400 GD DOOR MS OPENED (1 = OPENED) | =320/13.7 |
| φ22 | HAMMER MILL - 1400 GD DOOR MS OPENED (1 = OPENED) | =320/13.8 |
| φ23 | HAMMER MILL - 1400 GD DOOR MS OPENED (1 = OPENED) | =320/13.9 |
| φ24 | HAMMER MILL - 1400 GD DOOR MS OPENED (1 = OPENED) | =320/13.9 |
| φ25 | HAMMER MILL - 1400 GD DOOR NMS UNLOCKED (1 = UNLOCKED) | =320/13.11 |
| φ26 | HAMMER MILL - 1400 GD DOOR NMS UNLOCKED (1 = UNLOCKED) | =320/13.11 |
| φ27 | HAMMER MILL - 1400 GD DOOR NMS UNLOCKED (1 = UNLOCKED) | =320/13.12 |
| φ28 | HAMMER MILL - 1400 GD DOOR NMS UNLOCKED (1 = UNLOCKED) | =320/13.12 |
| φ29 | HAMMER MILL - 1400 GD DOOR NMS UNLOCKED (1 = UNLOCKED) | =320/13.12 |
| φ30 | HAMMER MILL - 1400 GD DOOR NMS UNLOCKED (1 = UNLOCKED) | =320/13.13 |
| φ31 | HAMMER MILL - 1400 GD DOOR NMS OPENED (1 = OPENED) | =320/13.13 |
| φ32 | HAMMER MILL - 1400 GD DOOR NMS OPENED (1 = OPENED) | =320/13.14 |
| φ33 | HAMMER MILL - 1400 GD DOOR NMS OPENED (1 = OPENED) | =320/13.15 |
| φ34 | HAMMER MILL - 1400 GD DOOR NMS OPENED (1 = OPENED) | =320/13.15 |
| φ35 | ALL DOORS CLOSED AND LOCKED | =320/14.7 |
| φ36 | ALL DOORS CLOSED AND LOCKED | =320/14.7 |
| φ37 | ALL DOORS CLOSED AND LOCKED | =320/14.8 |
| φ38 | ALL DOORS CLOSED AND LOCKED | =320/14.8 |



HM320_TBF.X8



HM320_TB1.X8



CCP304.X8



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| PROJECT DESCRIPTION | AGROECO ECOMIX - RUSSIA FEEDMILL 40 T/H CCP3 |
| PAGE DESCRIPTION | TERMINAL STRIP RIO303.X8 |

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| DRAUGHTSMAN | JRo | HIGHER-LEVEL FUNCTION | = TERMINAL |
| CREATOR | SDi | HIGHER-LEVEL DESCRIPTION | TERMINAL |
| DATE | 22.09.2020 | ITEM | TERMINAL |
| CHANGED | 26.10.2020 | FIELD | |

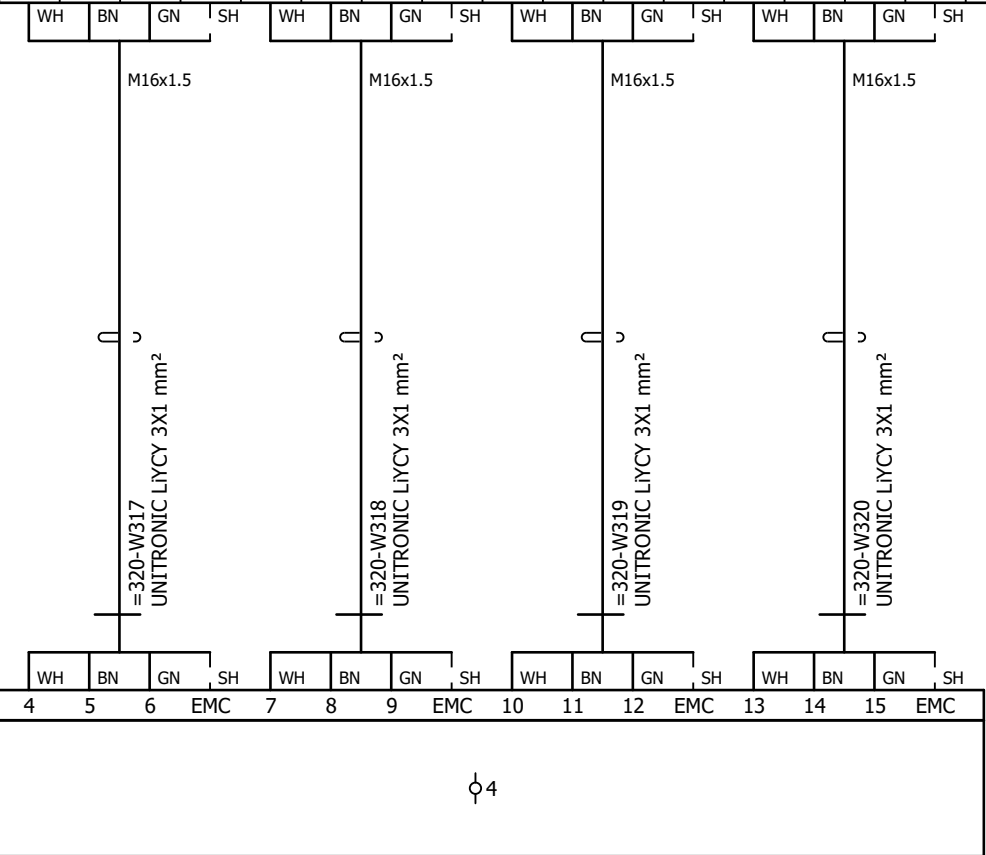
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| DRAWING NUMBER | 20108 v0.3 CCP3 |
| DRAWING NUMBER VAN AARSEN | |
| PROJECT NUMBER SPIE-VDM | 05601.20.1127 |
| PAGE | 29 /262 |

TERMINAL STRIP

RIO303.X10

| FUNCTION TEXT | PAGE/COLUMN |
|---|-------------|
| HAMMER MILL - 1400 GD TEMPERATURE BEARING MS (TEMPERATURE) | =320/17.3 |
| HAMMER MILL - 1400 GD TEMPERATURE BEARING MS (TEMPERATURE) | =320/17.3 |
| HAMMER MILL - 1400 GD TEMPERATURE BEARING MS (TEMPERATURE) | =320/17.4 |
| HAMMER MILL - 1400 GD TEMPERATURE BEARING MS (TEMPERATURE) | =320/17.4 |
| HAMMER MILL - 1400 GD TEMPERATURE BEARING NMS (TEMPERATURE) | =320/17.7 |
| HAMMER MILL - 1400 GD TEMPERATURE BEARING NMS (TEMPERATURE) | =320/17.7 |
| HAMMER MILL - 1400 GD TEMPERATURE BEARING NMS (TEMPERATURE) | =320/17.8 |
| HAMMER MILL - 1400 GD TEMPERATURE BEARING NMS (TEMPERATURE) | =320/17.8 |
| HAMMER MILL - 1400 GD TEMPERATURE CHAMBER MS (TEMPERATURE) | =320/17.11 |
| HAMMER MILL - 1400 GD TEMPERATURE CHAMBER MS (TEMPERATURE) | =320/17.11 |
| HAMMER MILL - 1400 GD TEMPERATURE CHAMBER MS (TEMPERATURE) | =320/17.12 |
| HAMMER MILL - 1400 GD TEMPERATURE CHAMBER MS (TEMPERATURE) | =320/17.12 |
| HAMMER MILL - 1400 GD TEMPERATURE CHAMBER NMS (TEMPERATURE) | =320/17.15 |
| HAMMER MILL - 1400 GD TEMPERATURE CHAMBER NMS (TEMPERATURE) | =320/17.15 |
| HAMMER MILL - 1400 GD TEMPERATURE CHAMBER NMS (TEMPERATURE) | =320/17.16 |
| HAMMER MILL - 1400 GD TEMPERATURE CHAMBER NMS (TEMPERATURE) | =320/17.16 |

TERMINAL NUMBER



HM320_TB1.X10



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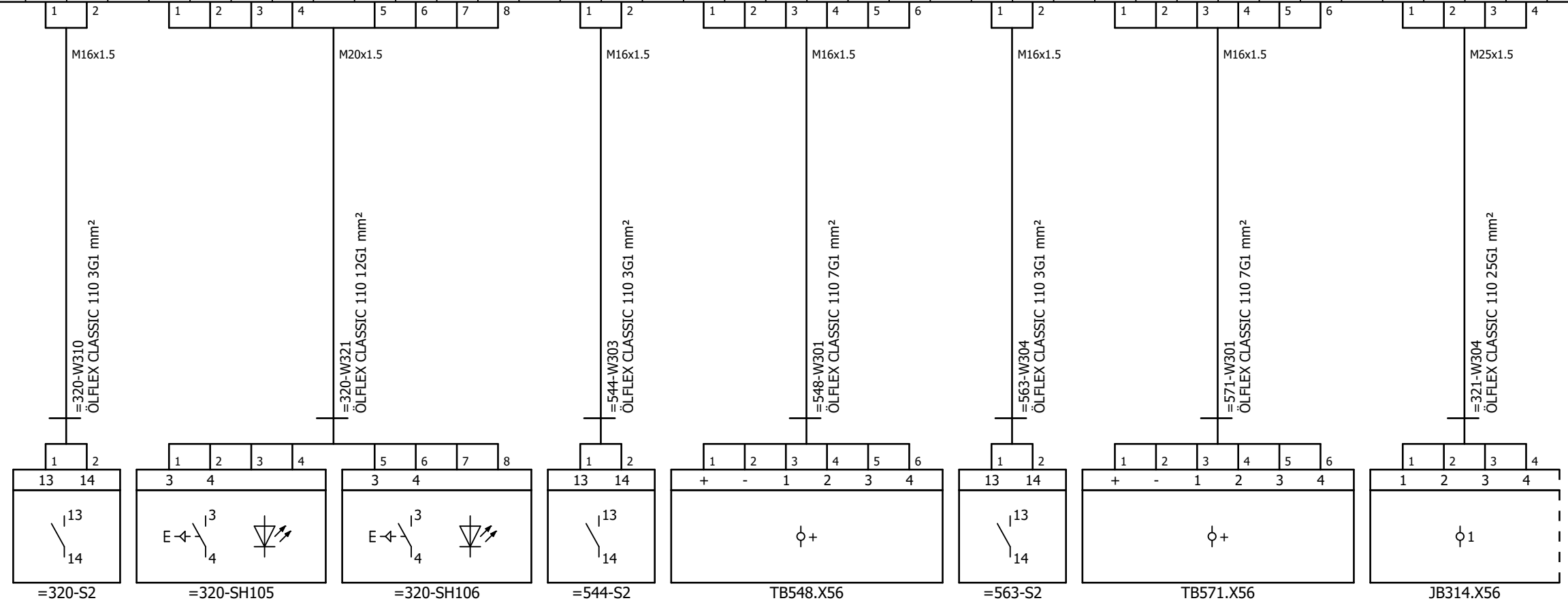
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FEEDMILL 40 T/H CCP3
PAGE DESCRIPTION TERMINAL STRIP RIO303.X10

DRAUGHTSMAN JRo
CREATOR SDi
DATE 22.09.2020
CHANGED 26.10.2020

HIGHER-LEVEL FUNCTION =TERMINAL
HIGHER-LEVEL DESCRIPTION TERMINAL
ITEM TERMINAL
FIELD

DRAWING NUMBER 20108 v0.3 CCP3
DRAWING NUMBER VAN AARSEN
PROJECT NUMBER SPIE-VDM 05601.20.1127
PAGE 30 /262

| TERMINAL STRIP | FUNCTION TEXT | PAGE/COLUMN |
|-----------------|---|---------------|
| RIO303.X56 | | |
| | CONTROL CURRENT 24VDC GENERAL INPUTS RIO303 | =0_3RIO/13.5 |
| | CONTROL CURRENT 24VDC GENERAL DOOR RELAY(S) RIO303 | =0_3RIO/13.9 |
| | CONTROL CURRENT 24VDC GENERAL DOOR RELAY(S) RIO303 | =0_3RIO/13.10 |
| | HAMMER MILL - 1400 GD MOTOR FEEDER WORK SWITCH (0 = FAULT) | =320/5.3 |
| | HAMMER MILL - 1400 GD MOTOR FEEDER WORK SWITCH (0 = FAULT) | =320/5.3 |
| | HAMMER MILL - 1400 GD PUSH BUTTON START MAGNET CLEANING CYCLE (1 = START) | =320/19.3 |
| | HAMMER MILL - 1400 GD PUSH BUTTON START MAGNET CLEANING CYCLE (1 = START) | =320/19.3 |
| | HAMMER MILL - 1400 GD LIGHT MAGNET CLEANING CYCLE BUSY (1 = BUSY) | =320/19.5 |
| | HAMMER MILL - 1400 GD LIGHT MAGNET CLEANING CYCLE BUSY (1 = BUSY) | =320/19.5 |
| | HAMMER MILL - 1400 GD PUSH BUTTON UNLOCK DOOR(S) (1 = UNLOCK) | =320/19.8 |
| | HAMMER MILL - 1400 GD PUSH BUTTON UNLOCK DOOR(S) (1 = UNLOCK) | =320/19.8 |
| | HAMMER MILL - 1400 GD LIGHT DOOR(S) UNLOCKED (1 = UNLOCKED) | =320/19.10 |
| | HAMMER MILL - 1400 GD LIGHT DOOR(S) UNLOCKED (1 = UNLOCKED) | =320/19.10 |
| | ROTARY VALVE MOTOR WORK SWITCH (0 = FAULT) | =544/3.3 |
| | ROTARY VALVE MOTOR WORK SWITCH (0 = FAULT) | =544/3.3 |
| | ITEM 548 VALVE BOX | =548/1.3 |
| | ITEM 548 VALVE BOX | =548/1.3 |
| | VALVE BOX - AO 2-2 VALVE IN POSITION 405 (1 = 405) | =548/1.5 |
| | VALVE BOX - AO 2-2 VALVE IN POSITION WASTE (1 = WASTE) | =548/1.8 |
| | VALVE BOX - AO 2-2 VALVE TO 405 (1 = TO 405) | =548/1.11 |
| | VALVE BOX - AO 2-2 VALVE TO WASTE (1 = TO WASTE) | =548/1.13 |
| | FAN WITH FILTER - BASIC FAN WORK SWITCH (0 = FAULT) | =563/3.3 |
| | FAN WITH FILTER - BASIC FAN WORK SWITCH (0 = FAULT) | =563/3.3 |
| | ITEM 571 VALVE BOX | =571/1.3 |
| | ITEM 571 VALVE BOX | =571/1.3 |
| | VALVE BOX - AO 2-2 VALVE IN POSITION 405 (1 = 405) | =571/1.5 |
| | VALVE BOX - AO 2-2 VALVE IN POSITION WASTE (1 = WASTE) | =571/1.8 |
| | VALVE BOX - AO 2-2 VALVE TO 405 (1 = TO 405) | =571/1.11 |
| | VALVE BOX - AO 2-2 VALVE TO WASTE (1 = TO WASTE) | =571/1.13 |
| | EXPLOSION MEMBRANE INDICATOR EXPLOSION (0 = EXPLOSION) | =321/1.3 |
| | LEVEL INDICATOR - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | =321/2.5 |
| | SCREW CONVEYOR MOTOR WORK SWITCH (0 = FAULT) | =327/3.5 |
| | SCREW CONVEYOR OVERFLOW OK (0 = FAULT) | =327/3.8 |
| TERMINAL NUMBER | | |
| φ+ | | |
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| φ102 | | |
| φ103 | | |
| φ104 | | |



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31.A



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| PROJECT DESCRIPTION | AGROECO ECOMIX - RUSSIA FEEDMILL 40 T/H CCP3 |
| PAGE DESCRIPTION | TERMINAL STRIP RIO303.X56 |

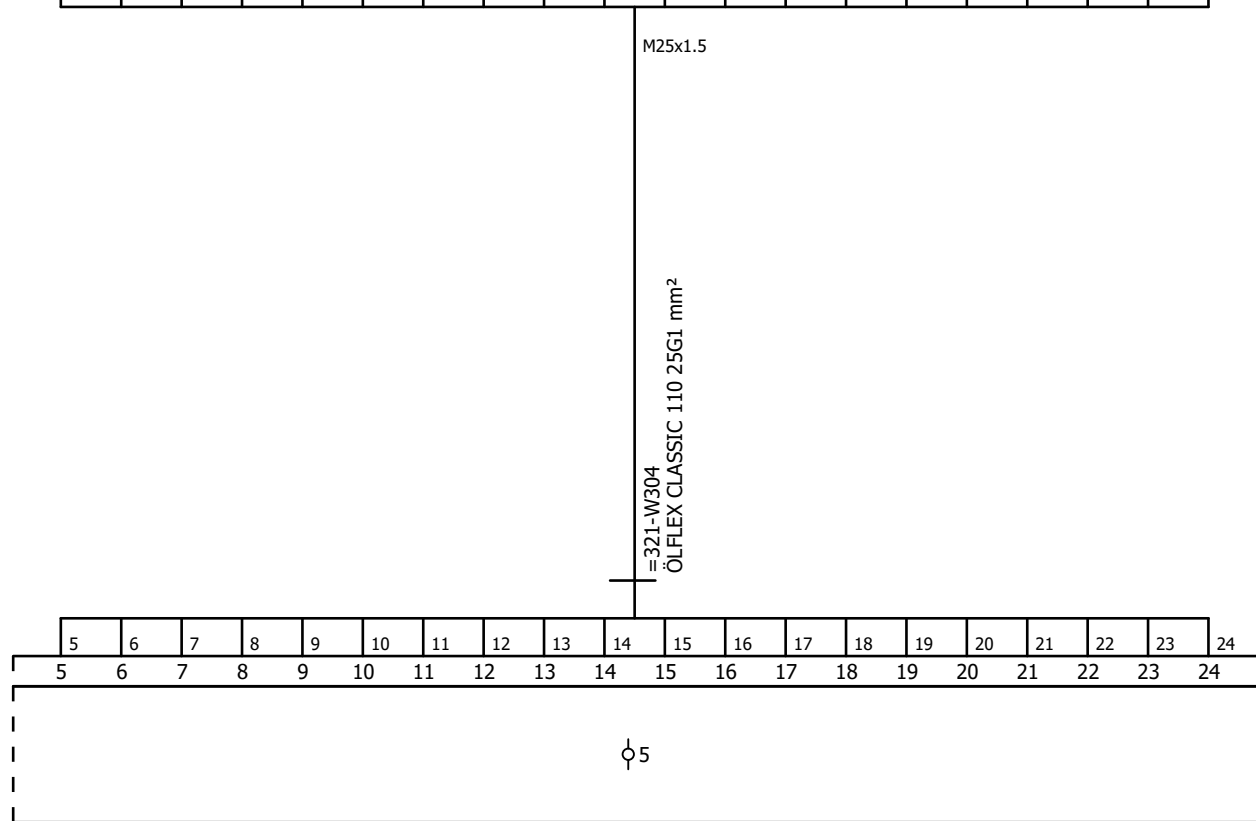
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| CREATOR | SDi | HIGHER-LEVEL DESCRIPTION | TERMINAL |
| DATE | 22.09.2020 | ITEM | TERMINAL |
| CHANGED | 26.10.2020 | FIELD | |

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| DRAWING NUMBER | 20108 v0.3 CCP3 |
| DRAWING NUMBER VAN AARSEN | |
| PROJECT NUMBER SPIE-VDM | 05601.20.1127 |
| PAGE | 31 / 262 |

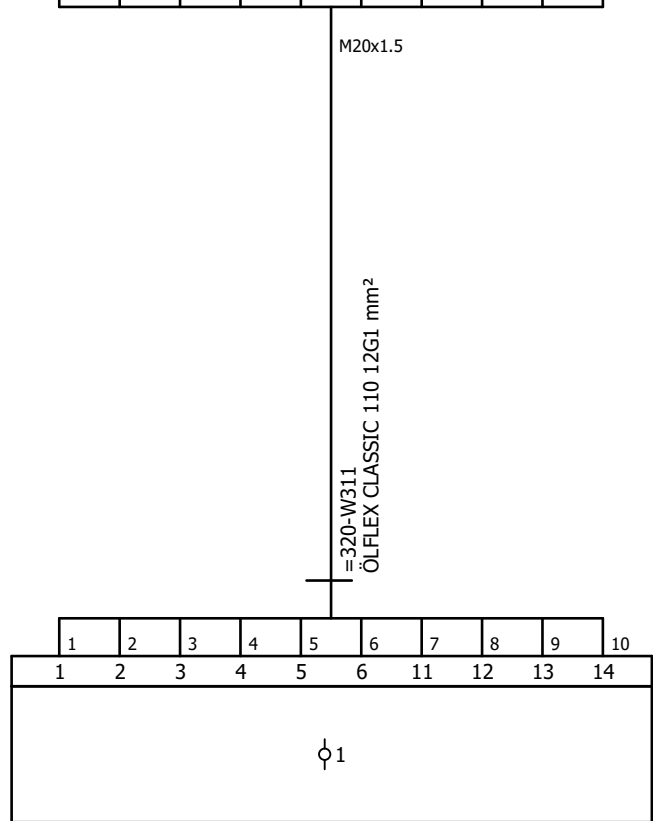
TERMINAL STRIP

RIO303.X56

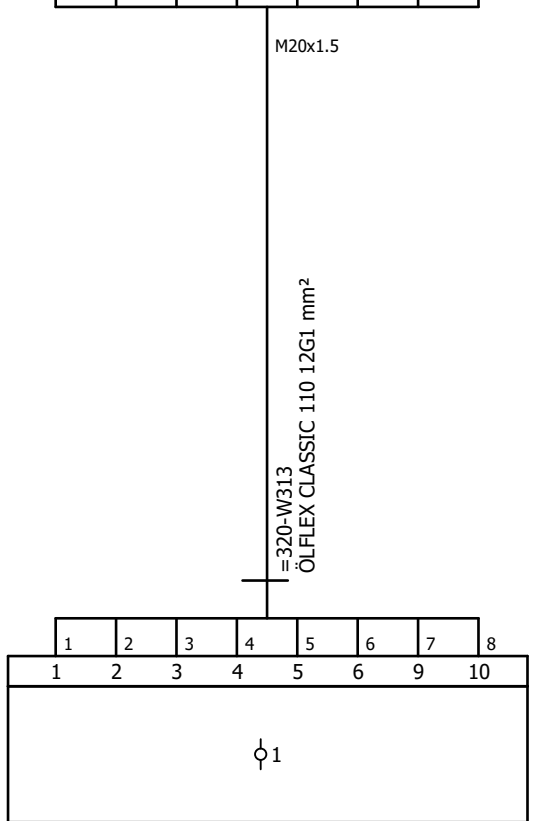
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|-----------------|--|-------------|
| φ105 | SCREW CONVEYOR PRODUCT INDICATOR PRODUCT (1 = PRODUCT) | =327/3.11 |
| φ106 | SPARE | =327/3.12 |
| φ107 | ROTARY VALVE MOTOR WORK SWITCH (0 = FAULT) | =329/3.3 |
| φ108 | LEVEL INDICATOR SILO - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | =501/2.5 |
| φ109 | SCREW CONVEYOR MOTOR WORK SWITCH (0 = FAULT) | =501/5.5 |
| φ110 | SCREW CONVEYOR OVERFLOW OK (0 = FAULT) | =501/5.8 |
| φ111 | SPARE | =501/5.8 |
| φ112 | SPARE | =501/5.9 |
| φ113 | LEVEL INDICATOR SILO - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | =502/2.5 |
| φ114 | SCREW CONVEYOR MOTOR WORK SWITCH (0 = FAULT) | =502/5.5 |
| φ115 | SCREW CONVEYOR OVERFLOW OK (0 = FAULT) | =502/5.8 |
| φ116 | SPARE | =502/5.8 |
| φ117 | SPARE | =502/5.9 |
| φ118 | LEVEL INDICATOR SILO - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =505/1.5 |
| φ119 | LEVEL INDICATOR SILO - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | =505/1.10 |
| φ120 | FEEDER MOTOR MAINTENANCE SWITCH (0 = FAULT) | =510/3.5 |
| φ121 | FEEDER OVERFLOW OK (0 = FAULT) | =510/3.8 |
| φ122 | FEEDER PRODUCT INDICATOR PRODUCT (1 = PRODUCT) | =510/3.11 |
| φ123 | SPARE | =510/3.12 |
| φ124 | SPARE | =510/3.12 |
| φ125 | HAMMER MILL - 1400 GD LEVEL INDICATOR PRODUCT ABOVE FEEDER (1 = PRODUCT) | =320/6.5 |
| φ126 | HAMMER MILL - 1400 GD LEVEL INDICATOR HIGH LEVEL (1 = FAULT) | =320/6.9 |
| φ127 | HAMMER MILL - 1400 GD VALVE MAGNET IN UPPER POSITION (DISCHARGE) (1 = IN UPPER POSITION) | =320/7.5 |
| φ128 | HAMMER MILL - 1400 GD VALVE MAGNET IN DOWN POSITION (COLLECT) (1 = IN DOWN POSITION) | =320/7.8 |
| φ129 | HAMMER MILL - 1400 GD VALVE IRON IN GRINDING POSITION (1 = IN GRINDING POSITION) | =320/8.5 |
| φ130 | HAMMER MILL - 1400 GD VALVE IRON IN DISCHARGE POSITION (1 = IN DISCHARGE POSITION) | =320/8.8 |
| φ131 | HAMMER MILL - 1400 GD VALVE MAGNET MOVE UP (TO DISCHARGE POSITION) (1 = MOVE UP) | =320/7.10 |
| φ132 | HAMMER MILL - 1400 GD VALVE MAGNET MOVE DOWN (TO COLLECT POSITION) (1 = MOVE DOWN) | =320/7.12 |
| φ133 | HAMMER MILL - 1400 GD VALVE IRON MOVE TO GRINDING POSITION (1 = TO GRINDING POSITION) | =320/8.10 |
| φ134 | HAMMER MILL - 1400 GD VALVE IRON MOVE TO DISCHARGE POSITION (1 = TO DISCHARGE POSITION) | =320/8.12 |
| φ135 | HAMMER MILL - 1400 GD VALVE ROTATION DIRECTION IN POSITION CW (1 = IN POSITION CW) | =320/11.5 |
| φ136 | HAMMER MILL - 1400 GD VALVE ROTATION DIRECTION IN POSITION CCW (1 = IN POSITION CCW) | =320/11.8 |
| φ137 | HAMMER MILL - 1400 GD VALVE CLAMP LEFT SIDE MS CLAMPED (1 = CLAMPED) | =320/15.5 |
| φ138 | HAMMER MILL - 1400 GD VALVE CLAMP LEFT SIDE NMS CLAMPED (1 = CLAMPED) | =320/15.8 |
| φ139 | HAMMER MILL - 1400 GD VALVE CLAMP RIGHT SIDE MS CLAMPED (1 = CLAMPED) | =320/16.5 |
| φ140 | HAMMER MILL - 1400 GD VALVE CLAMP RIGHT SIDE NMS CLAMPED (1 = CLAMPED) | =320/16.8 |
| φ141 | HAMMER MILL - 1400 GD PUSH BUTTON UNCLAMP SCREEN(S) LEFT SIDE (1 = UNCLAMP) | =320/18.3 |
| φ142 | HAMMER MILL - 1400 GD PUSH BUTTON UNCLAMP SCREEN(S) RIGHT SIDE (1 = UNCLAMP) | =320/18.8 |



JB314.X56



HM320_TBF.X56



HM320_TB1.X5



v. AARSEN INT. B.V.
PANHEEL
THE NETHERLANDS

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| PROJECT DESCRIPTION | AGROECO ECOMIX - RUSSIA FEEDMILL 40 T/H CCP3 |
| PAGE DESCRIPTION | TERMINAL STRIP RIO303.X56 |

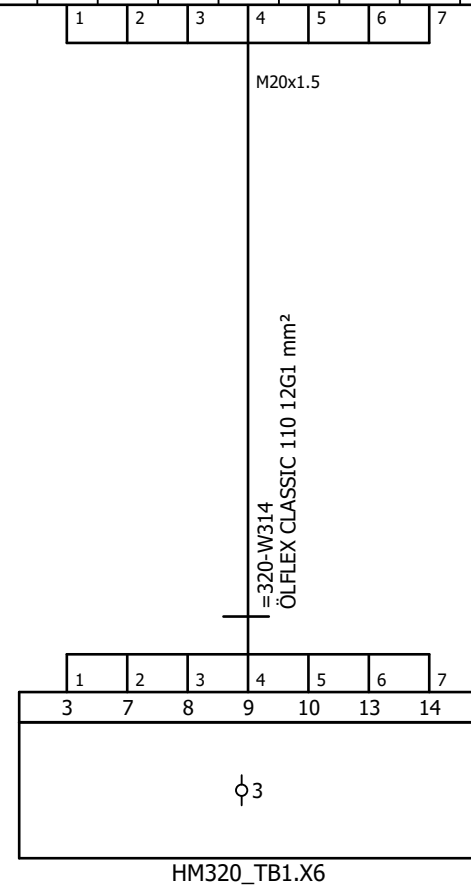
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| CREATOR | SDi | HIGHER-LEVEL DESCRIPTION | TERMINAL |
| DATE | 22.09.2020 | ITEM | TERMINAL |
| CHANGED | 26.10.2020 | FIELD | |

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|---------------------------|-----------------|
| DRAWING NUMBER | 20108 v0.3 CCP3 |
| DRAWING NUMBER VAN AARSEN | |
| PROJECT NUMBER SPIE-VDM | 05601.20.1127 |
| PAGE | 31.A /262 |

TERMINAL STRIP

RIO303.X56

| TERMINAL NUMBER | FUNCTION TEXT | PAGE/COLUMN |
|-----------------|--|-------------|
| ∅ 143 | HAMMER MILL - 1400 GD DOORS UNLOCK MS | =320/12.5 |
| ∅ 144 | HAMMER MILL - 1400 GD VALVE CLAMP LEFT SIDE UNCLAMP (1 = UNCLAMP) | =320/15.10 |
| ∅ 145 | HAMMER MILL - 1400 GD VALVE CLAMP LEFT SIDE CLAMP (1 = CLAMP) | =320/15.12 |
| ∅ 146 | HAMMER MILL - 1400 GD VALVE CLAMP RIGHT SIDE UNCLAMP (1 = UNCLAMP) | =320/16.10 |
| ∅ 147 | HAMMER MILL - 1400 GD VALVE CLAMP RIGHT SIDE CLAMP (1 = CLAMP) | =320/16.12 |
| ∅ 148 | HAMMER MILL - 1400 GD LIGHT SCREEN(S) LEFT SIDE UNCLAMPED (1 = UNCLAMPED) | =320/18.5 |
| ∅ 149 | HAMMER MILL - 1400 GD LIGHT SCREEN(S) RIGHT SIDE UNCLAMPED (1 = UNCLAMPED) | =320/18.10 |



HM320_TB1.X6



v. AARSEN INT. B.V.
PANHEEL
THE NETHERLANDS

PROJECT DESCRIPTION: AGROECO ECOMIX - RUSSIA
FEEDMILL 40 T/H CCP3
PAGE DESCRIPTION: TERMINAL STRIP RIO303.X56

DRAUGHTSMAN: JRo
CREATOR: SDi
DATE: 22.09.2020
CHANGED: 26.10.2020

HIGHER-LEVEL FUNCTION: = TERMINAL
HIGHER-LEVEL DESCRIPTION: TERMINAL
ITEM: TERMINAL
FIELD:

DRAWING NUMBER: 20108 v0.3 CCP3
DRAWING NUMBER: VAN AARSEN
PROJECT NUMBER: SPIE-VDM 05601.20.1127
PAGE: 31.B /262

TERMINAL STRIP

RIO304.X2

PAGE/COLUMN

=530/2.5

=530/2.5

FUNCTION TEXT

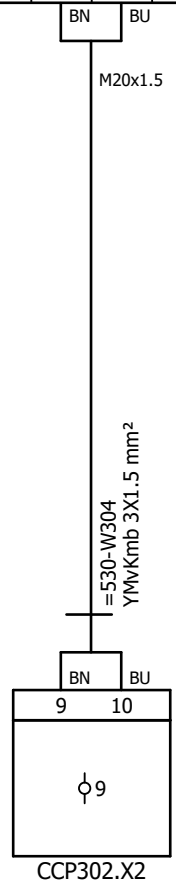
PELLET MILL START/STOP

PELLET MILL START/STOP

TERMINAL NUMBER

ϕ1

ϕ2



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PROJECT DESCRIPTION AGROECO ECOMIX - RUSSIA
FEEDMILL 40 T/H CCP3
PAGE DESCRIPTION TERMINAL STRIP RIO304.X2

DRAUGHTSMAN JRo
CREATOR SDi
DATE 22.09.2020
CHANGED 26.10.2020

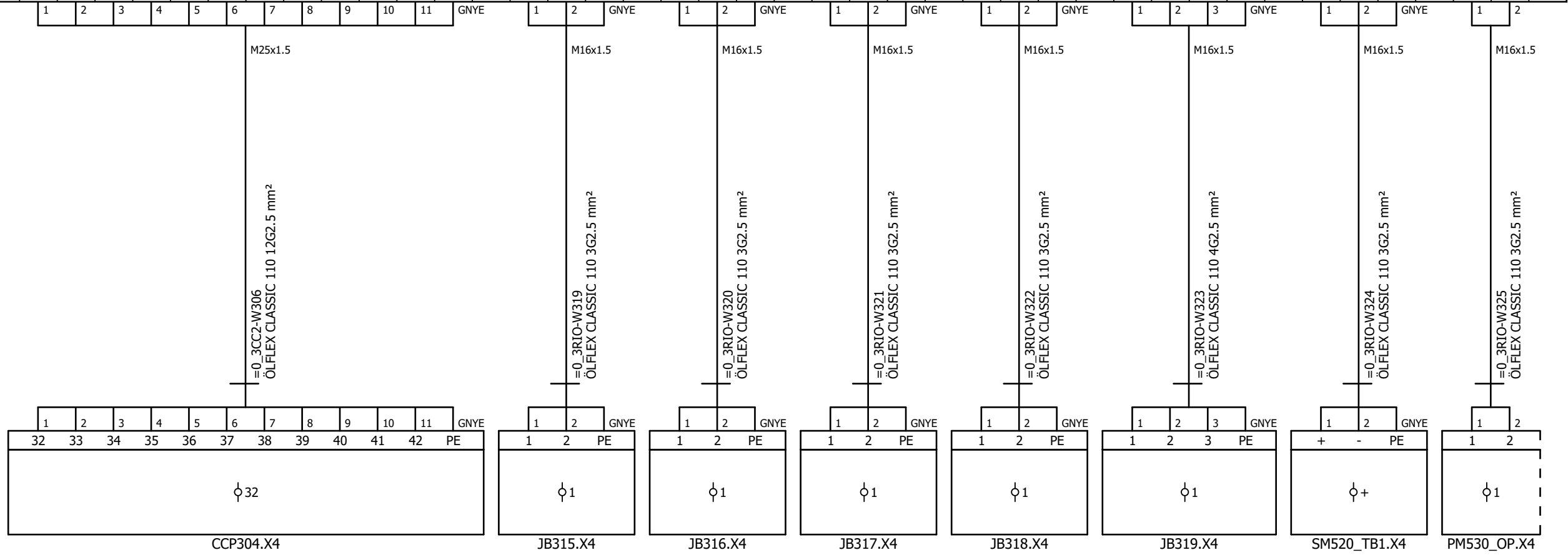
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ITEM TERMINAL
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DRAWING NUMBER 20108 v0.3 CCP3
DRAWING NUMBER VAN AARSEN
PROJECT NUMBER 05601.20.1127
PAGE 33 /262

TERMINAL STRIP

RIO304.X4

| TERMINAL NUMBER | FUNCTION TEXT | PAGE/COLUMN |
|-----------------|--|---------------|
| φ1 | CONTROL CURRENT 24VDC GENERAL INPUTS RIO304 | =0_3RIO/16.4 |
| φ2 | CONTROL CURRENT 24VDC GENERAL OUTPUTS RIO304 | =0_3RIO/16.6 |
| φ3 | CONTROL CURRENT 24VDC GENERAL DOOR RELAY(S) RIO304 | =0_3RIO/16.8 |
| φ4 | CONTROL CURRENT 24VDC GENERAL DOOR RELAY(S) RIO304 | =0_3RIO/16.8 |
| φ5 | CONTROL CURRENT 24VDC PROFINET RIO304 | =0_3RIO/16.10 |
| φ6 | CONTROL CURRENT 24VDC PROFINET RIO304 | =0_3RIO/16.10 |
| φ7 | CONTROL CURRENT 24VDC GENERAL OUTPUTS MACHINE STOP/DOOR SAFETY PM530 | =0_3RIO/16.12 |
| φ8 | SPARE | =0_3RIO/16.14 |
| φ9 | SPARE | =0_3RIO/16.14 |
| φ10 | SPARE | =0_3RIO/16.15 |
| φ11 | SPARE | =0_3RIO/16.15 |
| φPE | SPARE | =0_3RIO/16.16 |
| φ12 | CONTROL CURRENT 24VDC JB315 | =0_3RIO/18.3 |
| φ13 | CONTROL CURRENT 24VDC JB315 | =0_3RIO/18.3 |
| φPE | CONTROL CURRENT 24VDC JB315 | =0_3RIO/18.4 |
| φ14 | CONTROL CURRENT 24VDC JB316 | =0_3RIO/18.7 |
| φ15 | CONTROL CURRENT 24VDC JB316 | =0_3RIO/18.7 |
| φPE | CONTROL CURRENT 24VDC JB316 | =0_3RIO/18.8 |
| φ16 | CONTROL CURRENT 24VDC JB317 | =0_3RIO/18.11 |
| φ17 | CONTROL CURRENT 24VDC JB317 | =0_3RIO/18.11 |
| φPE | CONTROL CURRENT 24VDC JB317 | =0_3RIO/18.12 |
| φ18 | CONTROL CURRENT 24VDC JB318 | =0_3RIO/18.15 |
| φ19 | CONTROL CURRENT 24VDC JB318 | =0_3RIO/18.15 |
| φPE | CONTROL CURRENT 24VDC JB318 | =0_3RIO/18.16 |
| φ20 | CONTROL CURRENT 24VDC JB319 | =0_3RIO/19.3 |
| φ21 | CONTROL CURRENT 24VDC JB319 | =0_3RIO/19.3 |
| φ22 | CONTROL CURRENT 24VDC DOSING UNIT HYDRAULIC VALVE V1 MOVEMENT 210 | =0_3RIO/21.4 |
| φPE | CONTROL CURRENT 24VDC JB319 | =0_3RIO/19.4 |
| φ23 | CONTROL CURRENT 24VDC SM520_TB1 | =0_3RIO/19.7 |
| φ24 | CONTROL CURRENT 24VDC SM520_TB1 | =0_3RIO/19.7 |
| φPE | CONTROL CURRENT 24VDC SM520_TB1 | =0_3RIO/19.8 |
| φ25 | CONTROL CURRENT 24VDC PM530_OP | =0_3RIO/19.11 |
| φ26 | CONTROL CURRENT 24VDC PM530_OP | =0_3RIO/19.11 |



v. AARSEN INT. B.V.
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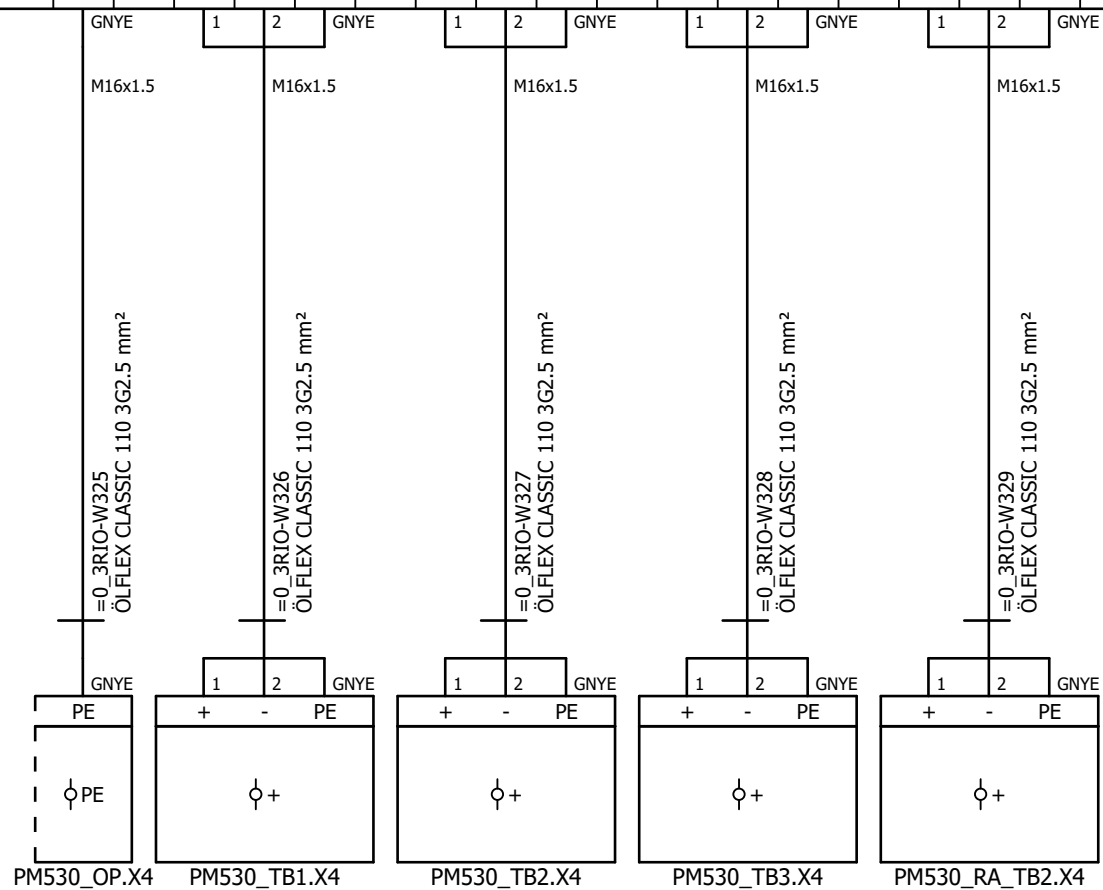
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 FEEDMILL 40 T/H CCP3
 PAGE DESCRIPTION: TERMINAL STRIP RIO304.X4

DRAUGHTSMAN: JRo
 CREATOR: SDi
 DATE: 22.09.2020
 CHANGED: 26.10.2020

HIGHER-LEVEL FUNCTION: = TERMINAL
 HIGHER-LEVEL DESCRIPTION: TERMINAL
 ITEM: TERMINAL
 FIELD:

DRAWING NUMBER: 20108 v0.3 CCP3
 DRAWING NUMBER VAN AARSEN:
 PROJECT NUMBER SPIE-VDM: 05601.20.1127
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| TERMINAL STRIP | |
|---------------------------------|---------------|
| RIO304.X4 | PAGE/COLUMN |
| FUNCTION TEXT | |
| TERMINAL NUMBER | |
| CONTROL CURRENT 24VDC PM530_OP | =0_3RIO/19.12 |
| CONTROL CURRENT 24VDC PM530_TB1 | =0_3RIO/19.15 |
| CONTROL CURRENT 24VDC PM530_TB1 | =0_3RIO/19.15 |
| CONTROL CURRENT 24VDC PM530_TB1 | =0_3RIO/19.16 |
| CONTROL CURRENT 24VDC PM530_TB2 | =0_3RIO/20.3 |
| CONTROL CURRENT 24VDC PM530_TB2 | =0_3RIO/20.3 |
| CONTROL CURRENT 24VDC PM530_TB2 | =0_3RIO/20.4 |
| CONTROL CURRENT 24VDC PM530_TB3 | =0_3RIO/20.7 |
| CONTROL CURRENT 24VDC PM530_TB3 | =0_3RIO/20.7 |
| CONTROL CURRENT 24VDC PM530_TB3 | =0_3RIO/20.8 |
| CONTROL CURRENT 24VDC RA530_TB2 | =0_3RIO/20.11 |
| CONTROL CURRENT 24VDC RA530_TB2 | =0_3RIO/20.11 |
| CONTROL CURRENT 24VDC RA530_TB2 | =0_3RIO/20.12 |



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PROJECT DESCRIPTION AGROECO ECOMIX - RUSSIA
FEEDMILL 40 T/H CCP3
PAGE DESCRIPTION TERMINAL STRIP RIO304.X4

DRAUGHTSMAN JRo
CREATOR SDi
DATE 22.09.2020
CHANGED 26.10.2020

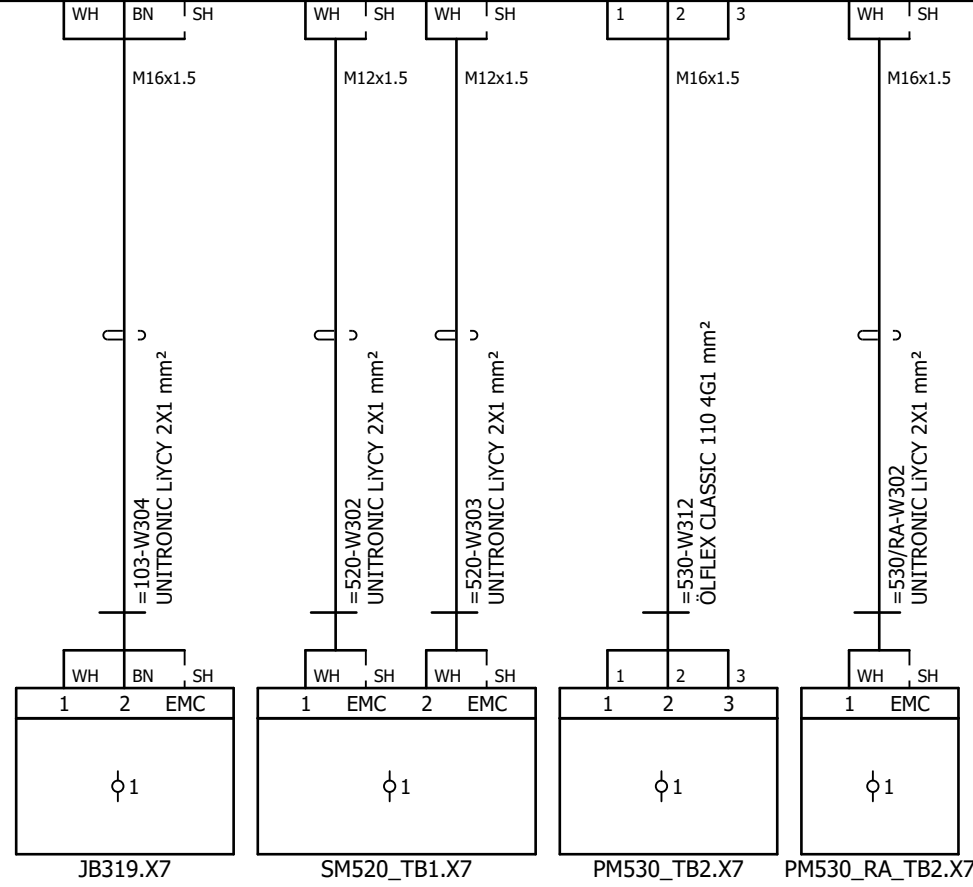
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HIGHER-LEVEL DESCRIPTION TERMINAL
ITEM TERMINAL
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DRAWING NUMBER 20108 v0.3 CCP3
DRAWING NUMBER VAN AARSEN
PROJECT NUMBER SPIE-VDM 05601.20.1127
PAGE 34.A /262

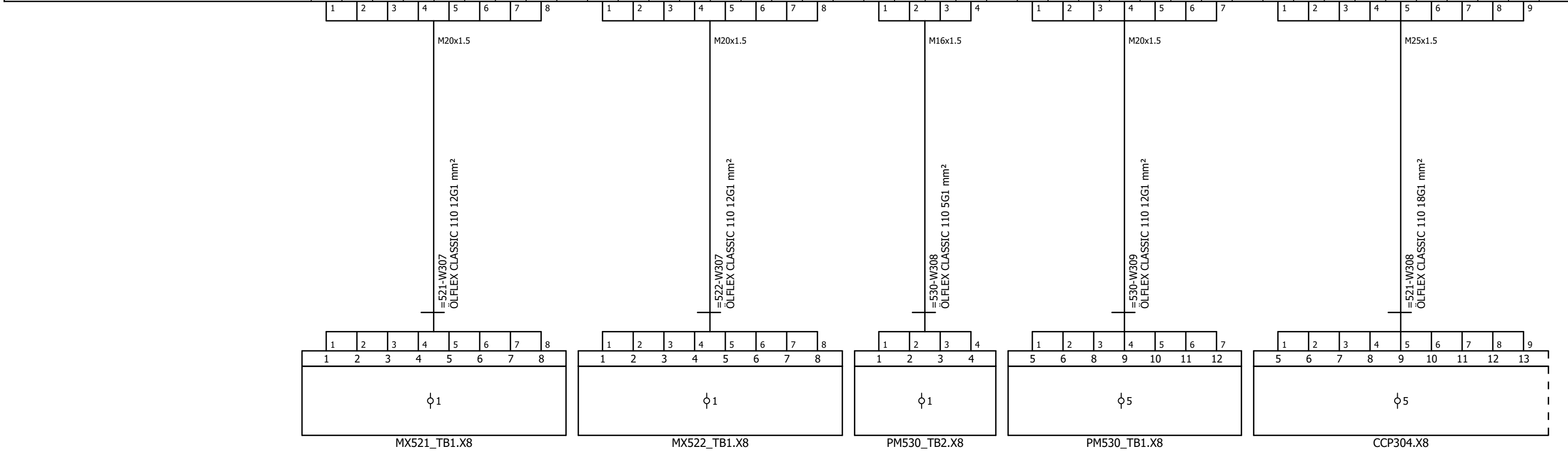
TERMINAL STRIP

RIO304.X7

| TERMINAL NUMBER | FUNCTION TEXT | PAGE/COLUMN |
|-----------------|--|--------------|
| ϕ1 | SLIDE - HO 1-A VALVE ACTUAL POSITION (4 - 20 mA) | =103/2.13 |
| ϕ2 | SLIDE - HO 1-A VALVE ACTUAL POSITION (4 - 20 mA) | =104/2.13 |
| ϕEMC | SLIDE - HO 1-A VALVE ACTUAL POSITION (4 - 20 mA) | =103/2.13 |
| ϕ3 | STEAM VALVE CONTROL REQUESTED POSITION (4 - 20 MA) | =520/1.10 |
| ϕEMC | STEAM VALVE CONTROL REQUESTED POSITION (4 - 20 MA) | =520/1.10 |
| ϕ4 | ITEM 421 STEAM CONTROL VALVE FEEDBACK 0-10V | =520/1.10 |
| ϕEMC | ITEM 421 STEAM CONTROL VALVE FEEDBACK 0-10V | =520/1.10 |
| ϕ5 | PELLET MILL - C-TYPE MOTOR MAIN ACTUAL SPEED (COUNTER) | =530/8.12 |
| ϕ6 | PELLET MILL - C-TYPE MOTOR MAIN ACTUAL SPEED (COUNTER) | =530/8.12 |
| ϕ7 | PELLET MILL - C-TYPE MOTOR MAIN ACTUAL SPEED (COUNTER) | =530/8.12 |
| ϕ8 | PELLET MILL - ROLL ADJUSTMENT PRESSURE ACTUAL AIR PRESSURE (4 - 20 MA) | =530/RA/5.13 |
| ϕEMC | PELLET MILL - ROLL ADJUSTMENT PRESSURE ACTUAL AIR PRESSURE (4 - 20 MA) | =530/RA/5.14 |



| TERMINAL STRIP | FUNCTION TEXT | PAGE/COLUMN |
|----------------|--|-------------|
| RIO304.X8 | | |
| | MIXER - STEAM DOOR VESSEL OPENED (1 = OPENED) | =521/4.5 |
| | MIXER - STEAM DOOR VESSEL OPENED (1 = OPENED) | =521/4.5 |
| | MIXER - STEAM DOOR VESSEL OPENED (1 = OPENED) | =521/4.6 |
| | MIXER - STEAM DOOR VESSEL OPENED (1 = OPENED) | =521/4.6 |
| | MIXER - STEAM DOOR VESSEL UNLOCKED (1 = UNLOCKED) | =521/4.8 |
| | MIXER - STEAM DOOR VESSEL UNLOCKED (1 = UNLOCKED) | =521/4.8 |
| | MIXER - STEAM DOOR VESSEL UNLOCKED (1 = UNLOCKED) | =521/4.9 |
| | MIXER - STEAM DOOR VESSEL UNLOCKED (1 = UNLOCKED) | =521/4.9 |
| | | |
| | MIXER - STEAM DOOR VESSEL OPENED (1 = OPENED) | =522/4.5 |
| | MIXER - STEAM DOOR VESSEL OPENED (1 = OPENED) | =522/4.5 |
| | MIXER - STEAM DOOR VESSEL OPENED (1 = OPENED) | =522/4.6 |
| | MIXER - STEAM DOOR VESSEL OPENED (1 = OPENED) | =522/4.6 |
| | MIXER - STEAM DOOR VESSEL UNLOCKED (1 = UNLOCKED) | =522/4.8 |
| | MIXER - STEAM DOOR VESSEL UNLOCKED (1 = UNLOCKED) | =522/4.8 |
| | MIXER - STEAM DOOR VESSEL UNLOCKED (1 = UNLOCKED) | =522/4.9 |
| | MIXER - STEAM DOOR VESSEL UNLOCKED (1 = UNLOCKED) | =522/4.9 |
| | | |
| | PELLET MILL - C-TYPE DOOR SIDE OPENED (1 = OPENED) | =530/5.5 |
| | PELLET MILL - C-TYPE DOOR SIDE OPENED (1 = OPENED) | =530/5.5 |
| | PELLET MILL - C-TYPE DOOR SIDE OPENED (1 = OPENED) | =530/5.6 |
| | PELLET MILL - C-TYPE DOOR SIDE OPENED (1 = OPENED) | =530/5.6 |
| | | |
| | PELLET MILL - C-TYPE DOOR MAIN UNLOCKED (1 = UNLOCKED) | =530/5.8 |
| | PELLET MILL - C-TYPE DOOR MAIN UNLOCKED (1 = UNLOCKED) | =530/5.8 |
| | PELLET MILL - C-TYPE DOOR MAIN UNLOCKED (1 = UNLOCKED) | =530/5.9 |
| | PELLET MILL - C-TYPE DOOR MAIN OPENED (1 = OPENED) | =530/5.11 |
| | PELLET MILL - C-TYPE DOOR MAIN OPENED (1 = OPENED) | =530/5.11 |
| | PELLET MILL - C-TYPE DOOR MAIN OPENED (1 = OPENED) | =530/5.12 |
| | PELLET MILL - C-TYPE DOOR MAIN OPENED (1 = OPENED) | =530/5.12 |
| | | |
| | MIXER - STEAM DOORS ALL DOORS CLOSED/LOCKED | =521/5.8 |
| | MIXER - STEAM DOORS ALL DOORS CLOSED/LOCKED | =521/5.8 |
| | MIXER - STEAM DOORS ALL DOORS CLOSED/LOCKED | =521/5.8 |
| | MIXER - STEAM DOORS ALL DOORS CLOSED/LOCKED | =521/5.9 |
| | MIXER - STEAM DOORS ALL DOORS CLOSED/LOCKED | =522/5.8 |
| | MIXER - STEAM DOORS ALL DOORS CLOSED/LOCKED | =522/5.8 |
| | MIXER - STEAM DOORS ALL DOORS CLOSED/LOCKED | =522/5.8 |
| | MIXER - STEAM DOORS ALL DOORS CLOSED/LOCKED | =522/5.9 |
| | PELLET MILL - C-TYPE DOORS ALL CLOSED/LOCKED | =530/6.8 |



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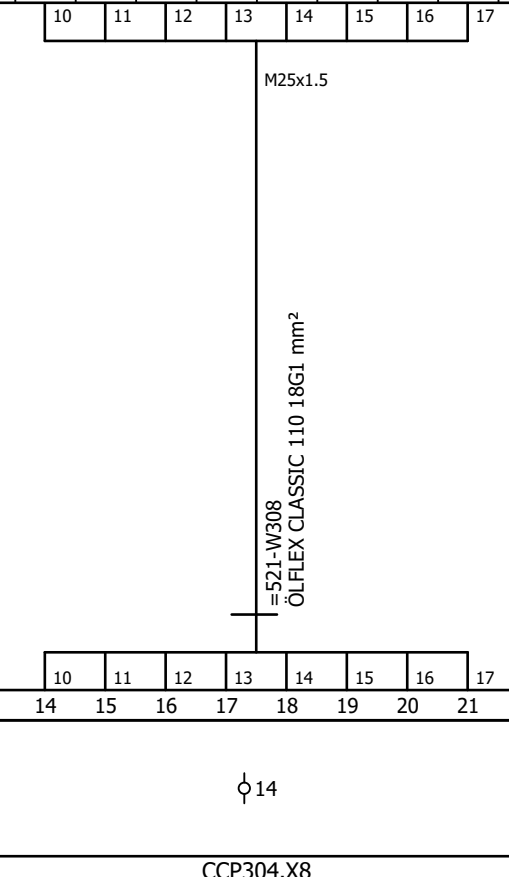
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FEEDMILL 40 T/H CCP3
PAGE DESCRIPTION TERMINAL STRIP RIO304.X8

DRAUGHTSMAN JRo
CREATOR SDi
DATE 22.09.2020
CHANGED 26.10.2020

HIGHER-LEVEL FUNCTION = TERMINAL
HIGHER-LEVEL DESCRIPTION TERMINAL
ITEM TERMINAL
FIELD

DRAWING NUMBER 20108 v0.3 CCP3
DRAWING NUMBER VAN AARSEN
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PAGE 36 /262

| TERMINAL STRIP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| FUNCTION TEXT | PELLET MILL - C-TYPE DOORS ALL CLOSED/LOCKED | PELLET MILL - C-TYPE DOORS ALL CLOSED/LOCKED | PELLET MILL - C-TYPE DOORS ALL CLOSED/LOCKED | SPARE | SPARE | SPARE | SPARE | SPARE | SPARE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TERMINAL NUMBER | φ 37 | φ 38 | φ 39 | φ 40 | φ 41 | φ 42 | φ 43 | φ 44 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



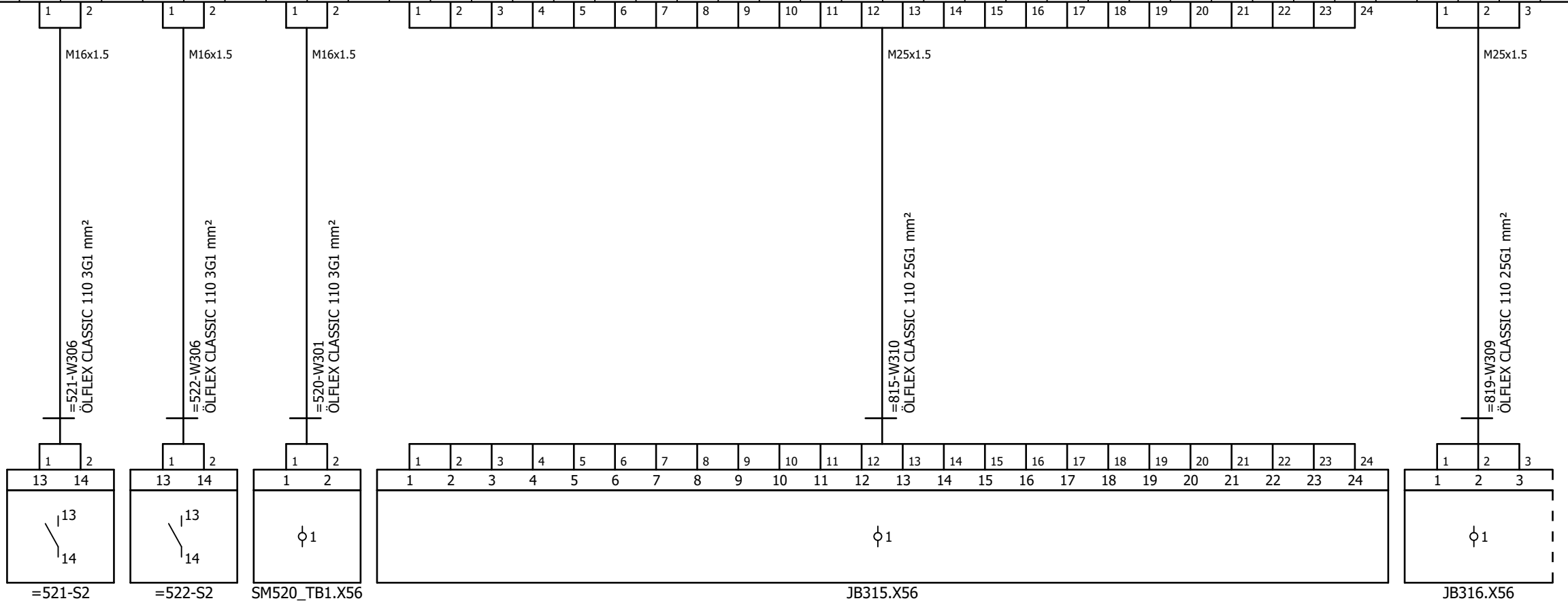
v. AARSEN INT. B.V.
 PANHEEL
 THE NETHERLANDS

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| PROJECT DESCRIPTION | AGROECO ECOMIX - RUSSIA FEEDMILL 40 T/H CCP3 |
| PAGE DESCRIPTION | TERMINAL STRIP RIO304.X8 |

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| DRAUGHTSMAN | JRo | HIGHER-LEVEL FUNCTION | = TERMINAL |
| CREATOR | SDi | HIGHER-LEVEL DESCRIPTION | TERMINAL |
| DATE | 22.09.2020 | ITEM | TERMINAL |
| CHANGED | 26.10.2020 | FIELD | |

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|---------------------------|-----------------|
| DRAWING NUMBER | 20108 v0.3 CCP3 |
| DRAWING NUMBER VAN AARSEN | |
| PROJECT NUMBER SPIE-VDM | 05601.20.1127 |
| PAGE | 36.A /262 |

| TERMINAL STRIP | | | | PAGE/COLUMN |
|----------------|--|---------------|--|-------------|
| | | RIO304.X56 | | |
| FUNCTION TEXT | | | | |
| ◊+ | CONTROL CURRENT 24VDC GENERAL INPUTS RIO304 | =0_3RIO/16.5 | | |
| ◊- | CONTROL CURRENT 24VDC GENERAL DOOR RELAY(S) RIO304 | =0_3RIO/16.9 | | |
| ◊0 | CONTROL CURRENT 24VDC GENERAL DOOR RELAY(S) RIO304 | =0_3RIO/16.10 | | |
| ◊+ | MIXER - STEAM MOTOR WORK SWITCH (0 = FAULT) | =521/3.3 | | |
| ◊1 | MIXER - STEAM MOTOR WORK SWITCH (0 = FAULT) | =521/3.3 | | |
| ◊+ | MIXER - STEAM MOTOR WORK SWITCH (0 = FAULT) | =522/3.3 | | |
| ◊2 | MIXER - STEAM MOTOR WORK SWITCH (0 = FAULT) | =522/3.3 | | |
| ◊101 | SPARE | =520/1.5 | | |
| ◊102 | STEAM VALVE SPEED OPEN (1 = OPEN) | =520/1.5 | | |
| ◊103 | LEVEL INDICATOR SILO - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | =815/2.5 | | |
| ◊104 | SLIDE - MO 2-2 MOTOR WORK SWITCH (0 = FAULT) | =815/5.5 | | |
| ◊105 | SLIDE - MO 2-2 MOTOR OPENED (1 = OPENED) | =815/5.8 | | |
| ◊106 | SLIDE - MO 2-2 MOTOR CLOSED (1 = CLOSED) | =815/5.11 | | |
| ◊107 | SPARE | =815/5.12 | | |
| ◊108 | LEVEL INDICATOR SILO - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | =816/2.5 | | |
| ◊109 | SLIDE - MO 2-2 MOTOR WORK SWITCH (0 = FAULT) | =816/5.5 | | |
| ◊110 | SLIDE - MO 2-2 MOTOR OPENED (1 = OPENED) | =816/5.8 | | |
| ◊111 | SLIDE - MO 2-2 MOTOR CLOSED (1 = CLOSED) | =816/5.11 | | |
| ◊112 | SPARE | =816/5.12 | | |
| ◊113 | LEVEL INDICATOR SILO - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | =817/2.5 | | |
| ◊114 | SLIDE - MO 2-2 MOTOR WORK SWITCH (0 = FAULT) | =817/5.5 | | |
| ◊115 | SLIDE - MO 2-2 MOTOR OPENED (1 = OPENED) | =817/5.8 | | |
| ◊116 | SLIDE - MO 2-2 MOTOR CLOSED (1 = CLOSED) | =817/5.11 | | |
| ◊117 | SPARE | =817/5.12 | | |
| ◊118 | LEVEL INDICATOR SILO - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | =818/2.5 | | |
| ◊119 | SLIDE - MO 2-2 MOTOR WORK SWITCH (0 = FAULT) | =818/5.5 | | |
| ◊120 | SLIDE - MO 2-2 MOTOR OPENED (1 = OPENED) | =818/5.8 | | |
| ◊121 | SLIDE - MO 2-2 MOTOR CLOSED (1 = CLOSED) | =818/5.11 | | |
| ◊122 | SPARE | =818/5.12 | | |
| ◊123 | SPARE | =818/5.12 | | |
| ◊124 | SPARE | =818/5.13 | | |
| ◊125 | SPARE | =818/5.13 | | |
| ◊126 | SPARE | =818/5.13 | | |
| ◊127 | LEVEL INDICATOR SILO - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | =819/2.5 | | |
| ◊128 | SLIDE - MO 2-2 MOTOR WORK SWITCH (0 = FAULT) | =819/5.5 | | |
| ◊129 | SLIDE - MO 2-2 MOTOR OPENED (1 = OPENED) | =819/5.8 | | |



=521-S2 =522-S2 SM520_TB1.X56 JB315.X56 JB316.X56



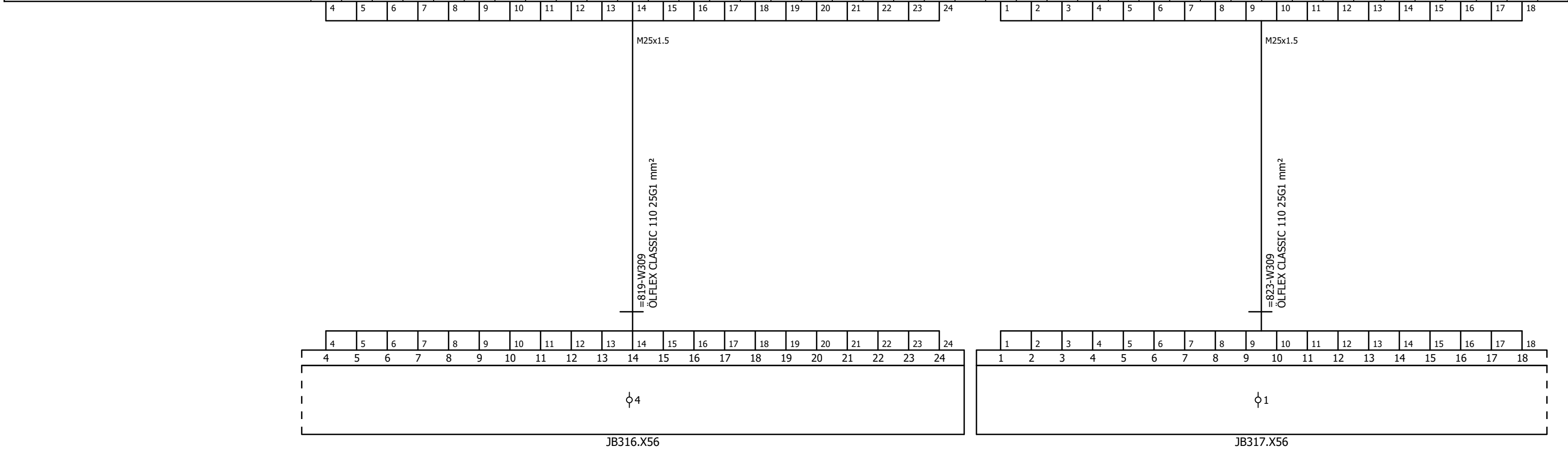
v. AARSEN INT. B.V.
PANHEEL
THE NETHERLANDS

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| PROJECT DESCRIPTION | AGROECO ECOMIX - RUSSIA FEEDMILL 40 T/H CCP3 |
| PAGE DESCRIPTION | TERMINAL STRIP RIO304.X56 |

| | | | |
|-------------|------------|--------------------------|------------|
| DRAUGHTSMAN | JRo | HIGHER-LEVEL FUNCTION | = TERMINAL |
| CREATOR | SDi | HIGHER-LEVEL DESCRIPTION | TERMINAL |
| DATE | 22.09.2020 | ITEM | TERMINAL |
| CHANGED | 26.10.2020 | FIELD | |

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| DRAWING NUMBER | 20108 v0.3 CCP3 |
| DRAWING NUMBER VAN AARSEN | |
| PROJECT NUMBER SPIE-VDM | 05601.20.1127 |
| PAGE | 38 /262 |

| TERMINAL STRIP | FUNCTION TEXT | PAGE/COLUMN |
|----------------|--|-------------|
| RIO304.X56 | | |
| | SLIDE - MO 2-2 MOTOR CLOSED (1 = CLOSED) | =819/5.11 |
| | SPARE | =819/5.12 |
| | LEVEL INDICATOR SILO - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | =820/2.5 |
| | SLIDE - MO 2-2 MOTOR WORK SWITCH (0 = FAULT) | =820/5.5 |
| | SLIDE - MO 2-2 MOTOR OPENED (1 = OPENED) | =820/5.8 |
| | SLIDE - MO 2-2 MOTOR CLOSED (1 = CLOSED) | =820/5.11 |
| | SPARE | =820/5.12 |
| | LEVEL INDICATOR SILO - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | =821/2.5 |
| | SLIDE - MO 2-2 MOTOR WORK SWITCH (0 = FAULT) | =821/5.5 |
| | SLIDE - MO 2-2 MOTOR OPENED (1 = OPENED) | =821/5.8 |
| | SLIDE - MO 2-2 MOTOR CLOSED (1 = CLOSED) | =821/5.11 |
| | SPARE | =821/5.12 |
| | LEVEL INDICATOR SILO - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | =822/2.5 |
| | SLIDE - MO 2-2 MOTOR WORK SWITCH (0 = FAULT) | =822/5.5 |
| | SLIDE - MO 2-2 MOTOR OPENED (1 = OPENED) | =822/5.8 |
| | SLIDE - MO 2-2 MOTOR CLOSED (1 = CLOSED) | =822/5.11 |
| | SPARE | =822/5.12 |
| | SPARE | =822/5.12 |
| | SPARE | =822/5.13 |
| | SPARE | =822/5.13 |
| | SPARE | =822/5.13 |
| | LEVEL INDICATOR SILO - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | =823/2.5 |
| | SLIDE - MO 2-2 MOTOR WORK SWITCH (0 = FAULT) | =823/5.5 |
| | SLIDE - MO 2-2 MOTOR OPENED (1 = OPENED) | =823/5.8 |
| | SLIDE - MO 2-2 MOTOR CLOSED (1 = CLOSED) | =823/5.11 |
| | SPARE | =823/5.12 |
| | LEVEL INDICATOR SILO - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | =824/2.5 |
| | SLIDE - MO 2-2 MOTOR WORK SWITCH (0 = FAULT) | =824/5.5 |
| | SLIDE - MO 2-2 MOTOR OPENED (1 = OPENED) | =824/5.8 |
| | SLIDE - MO 2-2 MOTOR CLOSED (1 = CLOSED) | =824/5.11 |
| | SPARE | =824/5.12 |
| | LEVEL INDICATOR SILO - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | =825/2.5 |
| | SLIDE - MO 2-2 MOTOR WORK SWITCH (0 = FAULT) | =825/5.5 |
| | SLIDE - MO 2-2 MOTOR OPENED (1 = OPENED) | =825/5.8 |
| | SLIDE - MO 2-2 MOTOR CLOSED (1 = CLOSED) | =825/5.11 |
| | SPARE | =825/5.12 |
| | LEVEL INDICATOR SILO - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | =826/2.5 |
| | SLIDE - MO 2-2 MOTOR WORK SWITCH (0 = FAULT) | =826/5.5 |
| | SLIDE - MO 2-2 MOTOR OPENED (1 = OPENED) | =826/5.8 |



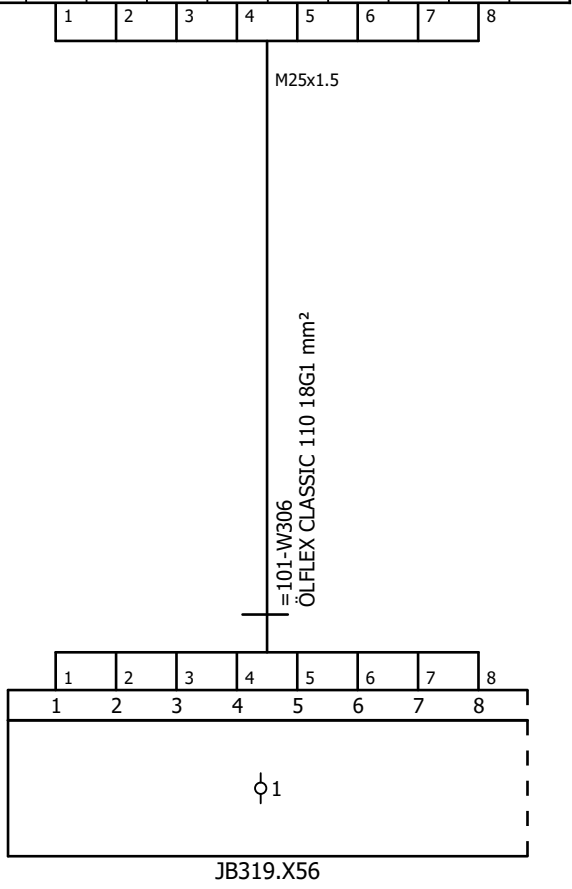
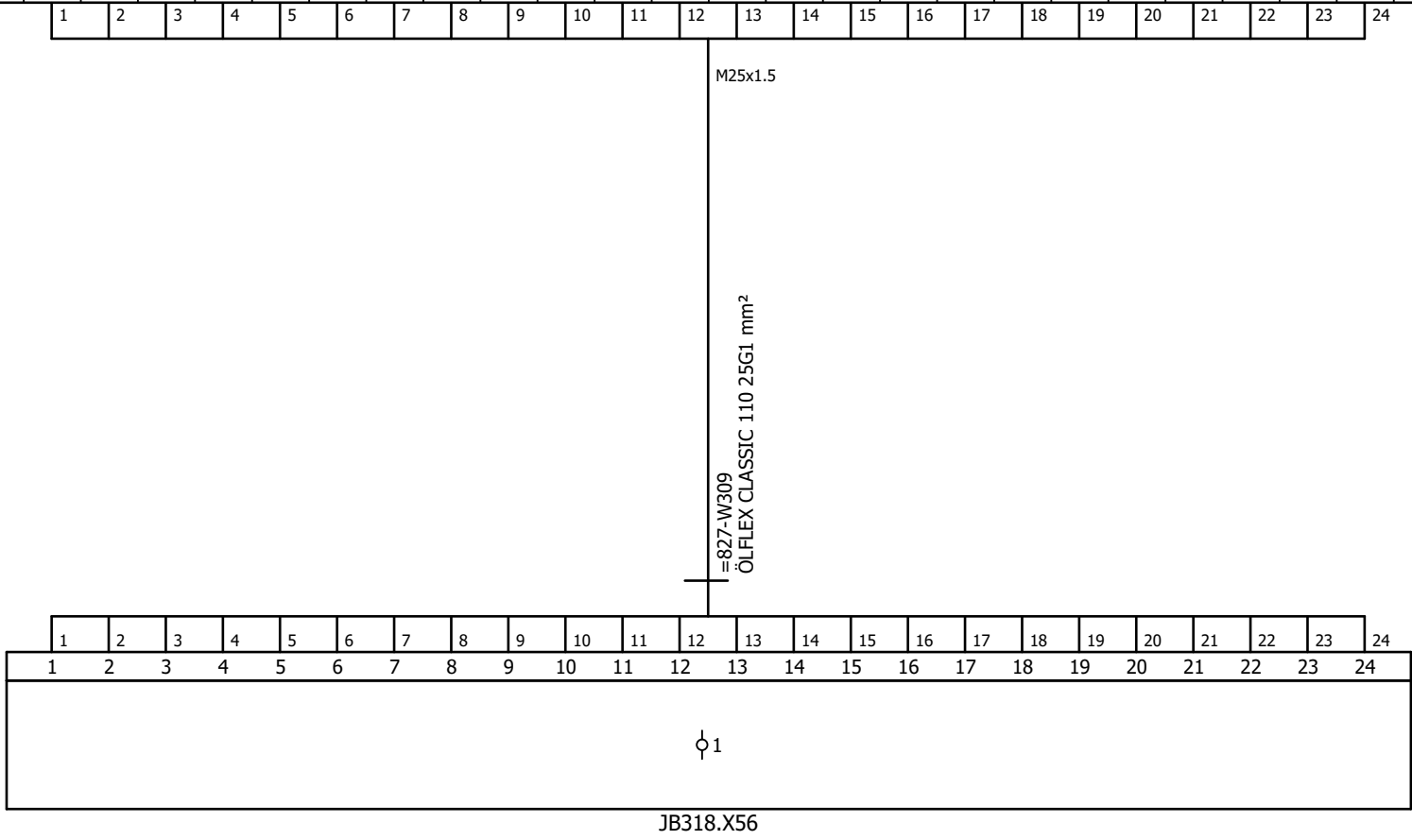
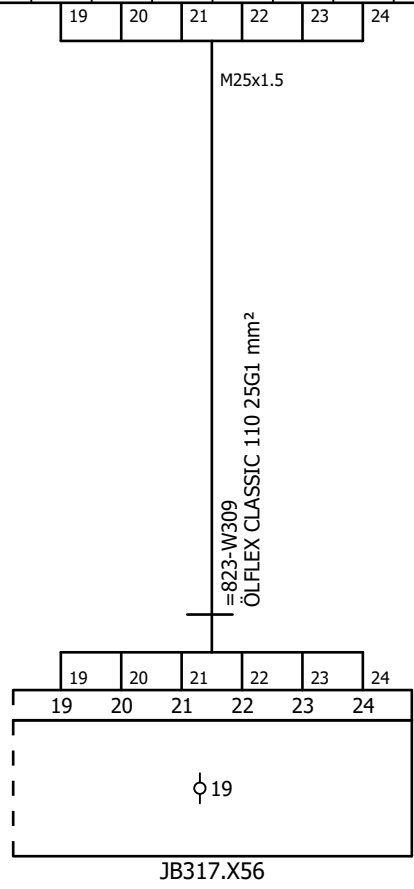
38 38.B

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|  v. AARSEN INT. B.V. PANHEEL THE NETHERLANDS | PROJECT DESCRIPTION | AGROECO ECOMIX - RUSSIA FEEDMILL 40 T/H CCP3 | DRAUGHTSMAN | JRo | HIGHER-LEVEL FUNCTION | = TERMINAL | DRAWING NUMBER | 20108 v0.3 CCP3 |
| | PAGE DESCRIPTION | TERMINAL STRIP RIO304.X56 | CREATOR | SDi | HIGHER-LEVEL DESCRIPTION | TERMINAL | DRAWING NUMBER | VAN AARSEN |
| | | | DATE | 22.09.2020 | ITEM | TERMINAL | PROJECT NUMBER | SPIE-VDM 05601.20.1127 |
| | | | CHANGED | 26.10.2020 | FIELD | | PAGE | 38.A /262 |

TERMINAL STRIP

RIO304.X56

| TERMINAL NUMBER | FUNCTION TEXT | PAGE/COLUMN |
|-----------------|--|-------------|
| φ 169 | SLIDE - MO 2-2 MOTOR CLOSED (1 = CLOSED) | =826/5.11 |
| φ 170 | SPARE | =826/5.12 |
| φ 171 | SPARE | =826/5.12 |
| φ 172 | SPARE | =826/5.13 |
| φ 173 | SPARE | =826/5.13 |
| φ 174 | SPARE | =826/5.13 |
| φ 175 | LEVEL INDICATOR SILO - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | =827/2.5 |
| φ 176 | SLIDE - MO 2-2 MOTOR WORK SWITCH (0 = FAULT) | =827/5.5 |
| φ 177 | SLIDE - MO 2-2 MOTOR OPENED (1 = OPENED) | =827/5.8 |
| φ 178 | SLIDE - MO 2-2 MOTOR CLOSED (1 = CLOSED) | =827/5.11 |
| φ 179 | SPARE | =827/5.12 |
| φ 180 | LEVEL INDICATOR SILO - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | =828/2.5 |
| φ 181 | SLIDE - MO 2-2 MOTOR WORK SWITCH (0 = FAULT) | =828/5.5 |
| φ 182 | SLIDE - MO 2-2 MOTOR OPENED (1 = OPENED) | =828/5.8 |
| φ 183 | SLIDE - MO 2-2 MOTOR CLOSED (1 = CLOSED) | =828/5.11 |
| φ 184 | SPARE | =828/5.12 |
| φ 185 | LEVEL INDICATOR SILO - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | =829/2.5 |
| φ 186 | SLIDE - MO 2-2 MOTOR WORK SWITCH (0 = FAULT) | =829/5.5 |
| φ 187 | SLIDE - MO 2-2 MOTOR OPENED (1 = OPENED) | =829/5.8 |
| φ 188 | SLIDE - MO 2-2 MOTOR CLOSED (1 = CLOSED) | =829/5.11 |
| φ 189 | SPARE | =829/5.12 |
| φ 190 | LEVEL INDICATOR SILO - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | =830/2.5 |
| φ 191 | SLIDE - MO 2-2 MOTOR WORK SWITCH (0 = FAULT) | =830/5.5 |
| φ 192 | SLIDE - MO 2-2 MOTOR OPENED (1 = OPENED) | =830/5.8 |
| φ 193 | SLIDE - MO 2-2 MOTOR CLOSED (1 = CLOSED) | =830/5.11 |
| φ 194 | SPARE | =830/5.12 |
| φ 195 | SPARE | =830/5.12 |
| φ 196 | SPARE | =830/5.13 |
| φ 197 | SPARE | =830/5.13 |
| φ 198 | SPARE | =830/5.13 |
| φ 199 | SCREW CONVEYOR MOTOR WORK SWITCH (0 = FAULT) | =101/5.3 |
| φ 200 | SCREW CONVEYOR MOTOR WORK SWITCH (0 = FAULT) | =102/4.3 |
| φ 201 | SCREW CONVEYOR MOTOR WORK SWITCH (0 = FAULT) | =105/4.3 |
| φ 202 | SCREW CONVEYOR MOTOR WORK SWITCH (0 = FAULT) | =106/4.3 |
| φ 203 | SLIDE - HO DOSING UNIT HYDRO PUMP WORK SWITCH (0 = FAULT) | =210/3.3 |
| φ 204 | SLIDE - HO DOSING UNIT PRESSURE SENSOR ACCUMULATOR OK (0 = FAULT) | =210/3.6 |
| φ 205 | SLIDE - HO 1-2 VALVE OPEN (1 = OPENING) | =211/1.5 |
| φ 206 | SLIDE - HO 1-2 VALVE CLOSED (1 = CLOSED) | =211/1.8 |



38.A

38.C



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| PROJECT DESCRIPTION | AGROECO ECOMIX - RUSSIA FEEDMILL 40 T/H CCP3 |
| PAGE DESCRIPTION | TERMINAL STRIP RIO304.X56 |

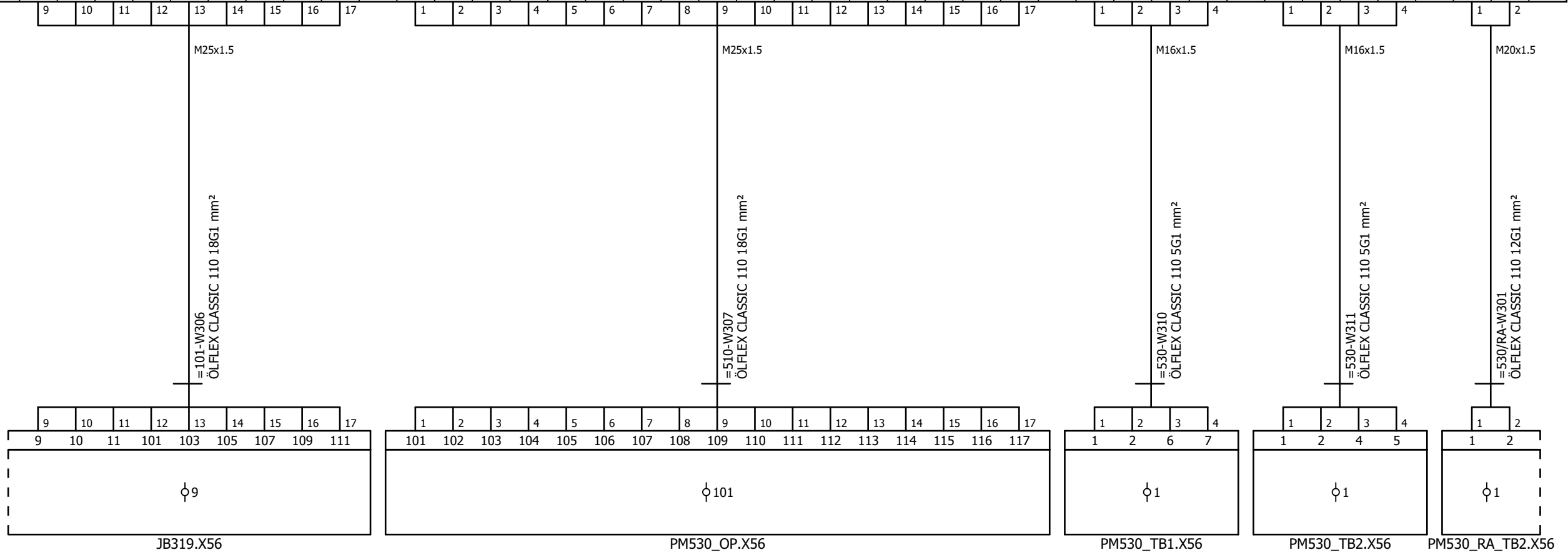
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| DATE | 22.09.2020 | ITEM | TERMINAL |
| CHANGED | 26.10.2020 | FIELD | |

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| DRAWING NUMBER | 20108 v0.3 CCP3 |
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TERMINAL STRIP

RIO304.X56

| TERMINAL NUMBER | FUNCTION TEXT | PAGE/COLUMN |
|-----------------|---|-------------|
| φ 207 | SPARE | =211/1.8 |
| φ 208 | SPARE | =211/1.9 |
| φ 209 | SPARE | =211/1.9 |
| φ 210 | SLIDE - HO 1-A VALVE SELECT (1 = SELECTED) | =103/2.4 |
| φ 211 | SLIDE - HO 1-A VALVE SELECT (1 = SELECTED) | =104/2.4 |
| φ 212 | SLIDE - HO DOSING UNIT HYDRAULIC VALVE MOVEMENT (0 = DIRECTION CLOSING) | =210/4.4 |
| φ 213 | SLIDE - HO DOSING UNIT HYDRAULIC VALVE ACCUMULATOR (0 = ACC. OPEN) | =210/4.8 |
| φ 214 | SLIDE - HO DOSING UNIT HYDRAULIC VALVE BYPASS (0 = BYPASS) | =210/4.12 |
| φ 215 | SLIDE AO (1-2) VALVE OPEN (1 = OPENING) | =211/1.12 |
| φ 216 | FEEDER PUSH BUTTON START (1 = START) | =510/4.3 |
| φ 217 | FEEDER PUSH BUTTON STOP (0 = STOP) | =510/4.5 |
| φ 218 | FEEDER LIGHT RUNNING (1 = RUNNING) | =510/4.7 |
| φ 219 | MIXER - STEAM PUSH BUTTON START (1 = START) | =521/6.3 |
| φ 220 | MIXER - STEAM PUSH BUTTON STOP (0 = STOP) | =521/6.5 |
| φ 221 | MIXER - STEAM LIGHT RUNNING (1 = RUNNING) | =521/6.7 |
| φ 222 | MIXER - STEAM PUSH BUTTON START (1 = START) | =522/6.3 |
| φ 223 | MIXER - STEAM PUSH BUTTON STOP (0 = STOP) | =522/6.5 |
| φ 224 | MIXER - STEAM LIGHT RUNNING (1 = RUNNING) | =522/6.7 |
| φ 225 | PELLET MILL - C-TYPE PUSH BUTTON START (1 = START) | =530/10.3 |
| φ 226 | PELLET MILL - C-TYPE PUSH BUTTON STOP (0 = STOP) | =530/10.5 |
| φ 227 | PELLET MILL - C-TYPE LIGHT RUNNING (1 = RUNNING) | =530/10.7 |
| φ 228 | PELLET MILL - C-TYPE PUSH BUTTON TOGGLE POSITION DUMP-CHUTE (1 = TOGGLE POSITION) | =530/10.11 |
| φ 229 | PELLET MILL - C-TYPE LIGHT DUMP-CHUTE TO PELLET MILL (1 = TO PELLET MILL) | =530/10.13 |
| φ 230 | SPARE | =530/10.13 |
| φ 231 | SPARE | =530/10.14 |
| φ 232 | SPARE | =530/10.14 |
| φ 233 | PELLET MILL - C-TYPE VALVE DUMP CHUTE IN POSITION TO PELLET MILL (1 = TO PELLET MILL) | =530/7.3 |
| φ 234 | LEVEL INDICATOR - ALARM LEVEL INDICATOR ALARM LEVEL (0 = PRODUCT) | =531/1.4 |
| φ 235 | PELLET MILL - C-TYPE VALVE DUMP CHUTE TO PELLET MILL (1 = TO PELLET MILL) | =530/7.12 |
| φ 236 | PELLET MILL - C-TYPE DOOR MAIN UNLOCK (1 = UNLOCK) | =530/7.16 |
| φ 237 | PELLET MILL - C-TYPE INDICATOR SHEAR PIN OK (0 = FAULT) | =530/8.3 |
| φ 238 | PELLET MILL - C-TYPE GREASE LUBRICATION FLOW PULSE (1 = PULSE) | =530/8.8 |
| φ 239 | PELLET MILL - C-TYPE GREASE LUBRICATION START PUMP (1 = START) | =530/9.5 |
| φ 240 | PELLET MILL - C-TYPE GREASE LUBRICATION OPEN VALVE (1 = OPEN) | =530/9.9 |
| φ 241 | PELLET MILL - ROLL ADJUSTMENT SPEED MONITOR ACTUAL SPEED ROLL 1 (COUNTER) | =530/RA/2.3 |
| φ 242 | PELLET MILL - ROLL ADJUSTMENT SPEED MONITOR ACTUAL SPEED ROLL 2 (COUNTER) | =530/RA/2.6 |



38.B

38.D



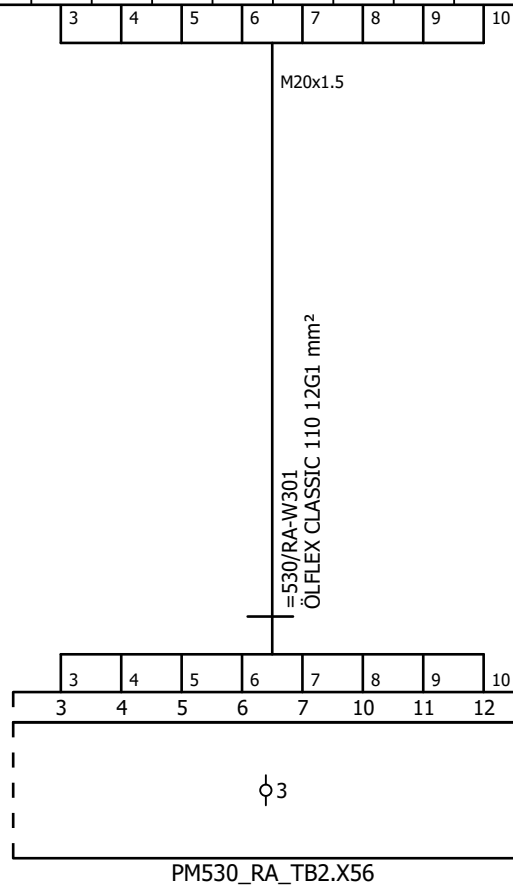
v. AARSEN INT. B.V.
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| PROJECT DESCRIPTION | AGROECO ECOMIX - RUSSIA FEEDMILL 40 T/H CCP3 |
| PAGE DESCRIPTION | TERMINAL STRIP RIO304.X56 |

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| DRAUGHTSMAN | JRo | HIGHER-LEVEL FUNCTION | = TERMINAL |
| CREATOR | SDi | HIGHER-LEVEL DESCRIPTION | TERMINAL |
| DATE | 22.09.2020 | ITEM | TERMINAL |
| CHANGED | 26.10.2020 | FIELD | |

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| DRAWING NUMBER | 20108 v0.3 CCP3 |
| DRAWING NUMBER VAN AARSEN | |
| PROJECT NUMBER SPIE-VDM | 05601.20.1127 |
| PAGE | 38.C /262 |

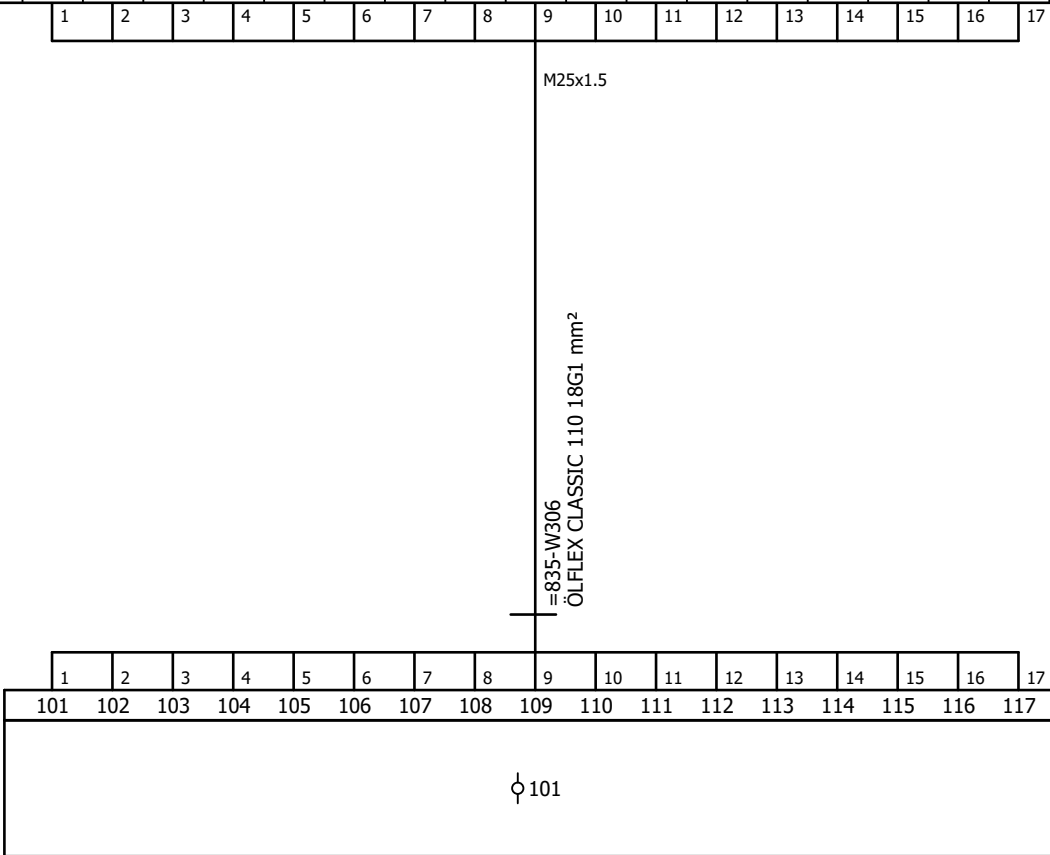
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| TERMINAL STRIP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RIO304.X56 | PAGE/COLUMN | =530/RA/2.9 | =530/RA/2.12 | =530/RA/2.15 | =530/RA/5.4 | =530/RA/5.8 | =530/RA/3.8 | =530/RA/3.10 | =530/RA/4.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | FUNCTION TEXT | PELLET MILL -ROLL ADJUSTMENT INDICATOR WIRELESS CONNECTION OK (0 = FAULT) | SPARE | SPARE | PELLET MILL - ROLL ADJUSTMENT VALVE ACTUAL POSITION ROLLERS (COUNTER) | PELLET MILL - ROLL ADJUSTMENT VALVE ACTUAL POSITION ROLLERS (COUNTER) | PELLET MILL -ROLL ADJUSTMENT VALVE ROLLERS FROM DIE (1 = LEFT) | PELLET MILL -ROLL ADJUSTMENT VALVE ROLLERS TO DIE (1 = RIGHT) | PELLET MILL -ROLL ADJUSTMENT VALVE HIGH SPEED (1 = HIGH SPEED) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TERMINAL NUMBER | | ∅ 243 | ∅ 244 | ∅ 245 | ∅ 246 | ∅ 247 | ∅ 248 | ∅ 249 | ∅ 250 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



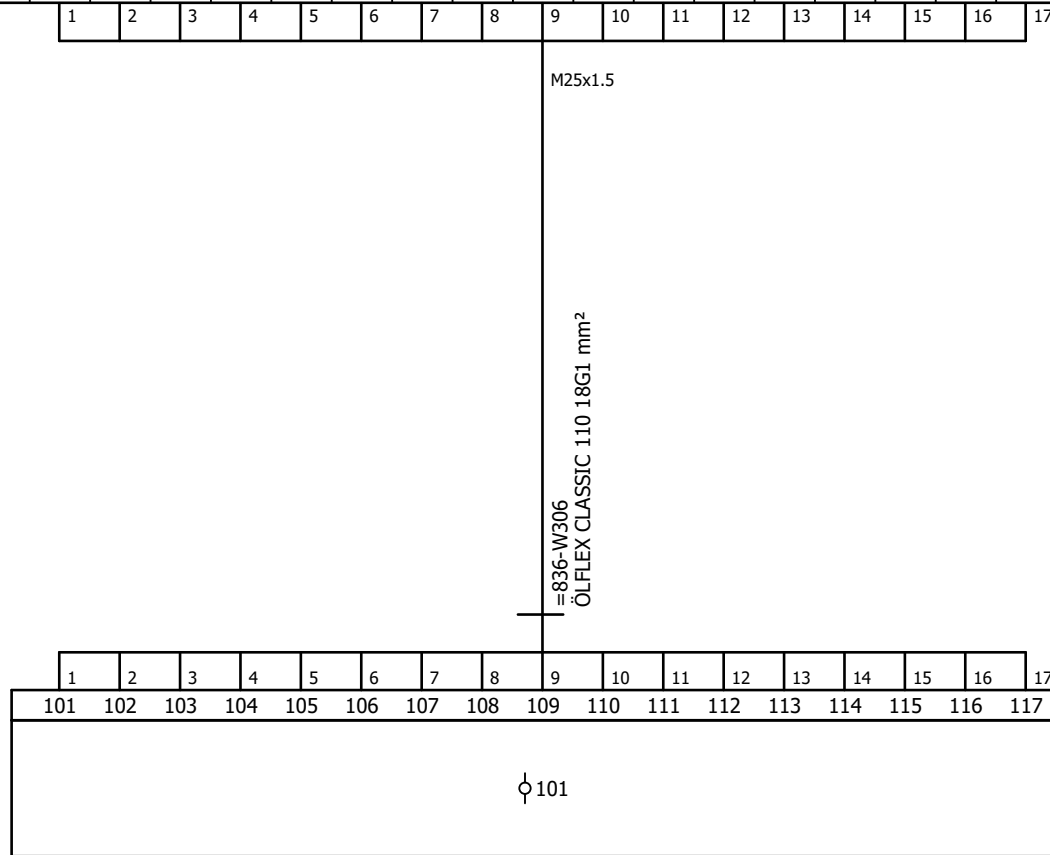
TERMINAL STRIP

RIO305.X56

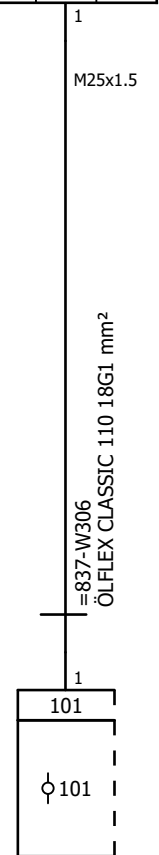
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|-----------------|--|---------------|
| φ+ | CONTROL CURRENT 24VDC GENERAL INPUTS RIO305 | =0_3RIO/24.5 |
| φ- | CONTROL CURRENT 24VDC GENERAL DOOR RELAY(S) RIO305 (SPARE) | =0_3RIO/24.9 |
| φ0 | CONTROL CURRENT 24VDC GENERAL DOOR RELAY(S) RIO305 (SPARE) | =0_3RIO/24.10 |
| φ+ | LOCAL PANEL -BULK LOADING (4 SILOS) SELECTION SILO 1 [SI_815] (1 = SILO 1) | =835/3.6 |
| φ- | LOCAL PANEL -BULK LOADING (4 SILOS) LIGHT ENABLED (1 = ENABLED) | =835/3.3 |
| φ1 | LOCAL PANEL -BULK LOADING (4 SILOS) LIGHT ENABLED (1 = ENABLED) | =835/3.3 |
| φ2 | LOCAL PANEL -BULK LOADING (4 SILOS) SELECTION SILO 1 [SI_815] (1 = SILO 1) | =835/3.6 |
| φ3 | LOCAL PANEL -BULK LOADING (4 SILOS) SELECTION SILO 2 [SI_816] (1 = SILO 2) | =835/3.8 |
| φ4 | LOCAL PANEL -BULK LOADING (4 SILOS) SELECTION SILO 3 [SI_817] (1 = SILO 3) | =835/3.10 |
| φ5 | LOCAL PANEL -BULK LOADING (4 SILOS) SELECTION SILO 4 [SI_818] (1 = SILO 4) | =835/3.12 |
| φ6 | LOCAL PANEL -BULK LOADING (4 SILOS) PUSHBUTTON OPEN (1 = OPEN) | =835/4.3 |
| φ7 | LOCAL PANEL -BULK LOADING (4 SILOS) LIGHT OPENED (1 = OPENED) | =835/4.5 |
| φ8 | LOCAL PANEL -BULK LOADING (4 SILOS) PUSHBUTTON CLOSE (0 = CLOSE) | =835/4.7 |
| φ9 | LOCAL PANEL -BULK LOADING (4 SILOS) LIGHT CLOSED (1 = CLOSED) | =835/4.9 |
| φ10 | LOCAL PANEL -BULK LOADING BELLOW LIGHT UP (1 = IN UPPER POSITION) | =835/4.11 |
| φ11 | SPARE | =835/4.11 |
| φ12 | SPARE | =835/4.12 |
| φ13 | SPARE | =835/4.12 |
| φ14 | SPARE | =835/4.13 |
| φ15 | SPARE | =835/4.13 |
| φ+ | LOCAL PANEL -BULK LOADING (4 SILOS) SELECTION SILO 1 [SI_819] (1 = SILO 1) | =836/3.6 |
| φ- | LOCAL PANEL -BULK LOADING (4 SILOS) LIGHT ENABLED (1 = ENABLED) | =836/3.3 |
| φ16 | LOCAL PANEL -BULK LOADING (4 SILOS) LIGHT ENABLED (1 = ENABLED) | =836/3.3 |
| φ17 | LOCAL PANEL -BULK LOADING (4 SILOS) SELECTION SILO 1 [SI_819] (1 = SILO 1) | =836/3.6 |
| φ18 | LOCAL PANEL -BULK LOADING (4 SILOS) SELECTION SILO 2 [SI_820] (1 = SILO 2) | =836/3.8 |
| φ19 | LOCAL PANEL -BULK LOADING (4 SILOS) SELECTION SILO 3 [SI_821] (1 = SILO 3) | =836/3.10 |
| φ20 | LOCAL PANEL -BULK LOADING (4 SILOS) SELECTION SILO 4 [SI_822] (1 = SILO 4) | =836/3.12 |
| φ21 | LOCAL PANEL -BULK LOADING (4 SILOS) PUSHBUTTON OPEN (1 = OPEN) | =836/4.3 |
| φ22 | LOCAL PANEL -BULK LOADING (4 SILOS) LIGHT OPENED (1 = OPENED) | =836/4.5 |
| φ23 | LOCAL PANEL -BULK LOADING (4 SILOS) PUSHBUTTON CLOSE (0 = CLOSE) | =836/4.7 |
| φ24 | LOCAL PANEL -BULK LOADING (4 SILOS) LIGHT CLOSED (1 = CLOSED) | =836/4.9 |
| φ25 | LOCAL PANEL -BULK LOADING BELLOW LIGHT UP (1 = IN UPPER POSITION) | =836/4.11 |
| φ26 | SPARE | =836/4.11 |
| φ27 | SPARE | =836/4.12 |
| φ28 | SPARE | =836/4.12 |
| φ29 | SPARE | =836/4.13 |
| φ30 | SPARE | =836/4.13 |
| φ+ | LOCAL PANEL -BULK LOADING (4 SILOS) SELECTION SILO 1 [SI_823] (1 = SILO 1) | =837/3.6 |



CP835.X56



CP836.X56



CP837.X56



v. AARSEN INT. B.V.
PANHEEL
THE NETHERLANDS

| | |
|---------------------|---|
| PROJECT DESCRIPTION | AGROECO ECOMIX - RUSSIA FEEDMILL 40 T/H CCP3 |
| PAGE DESCRIPTION | TERMINAL STRIP RIO305.X56 |

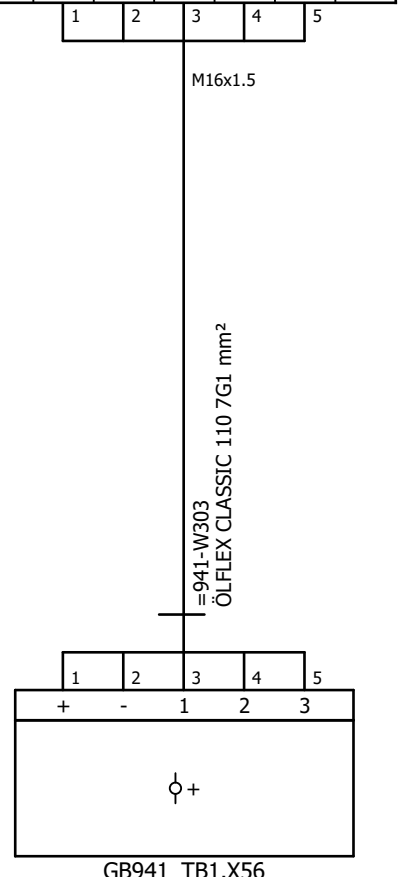
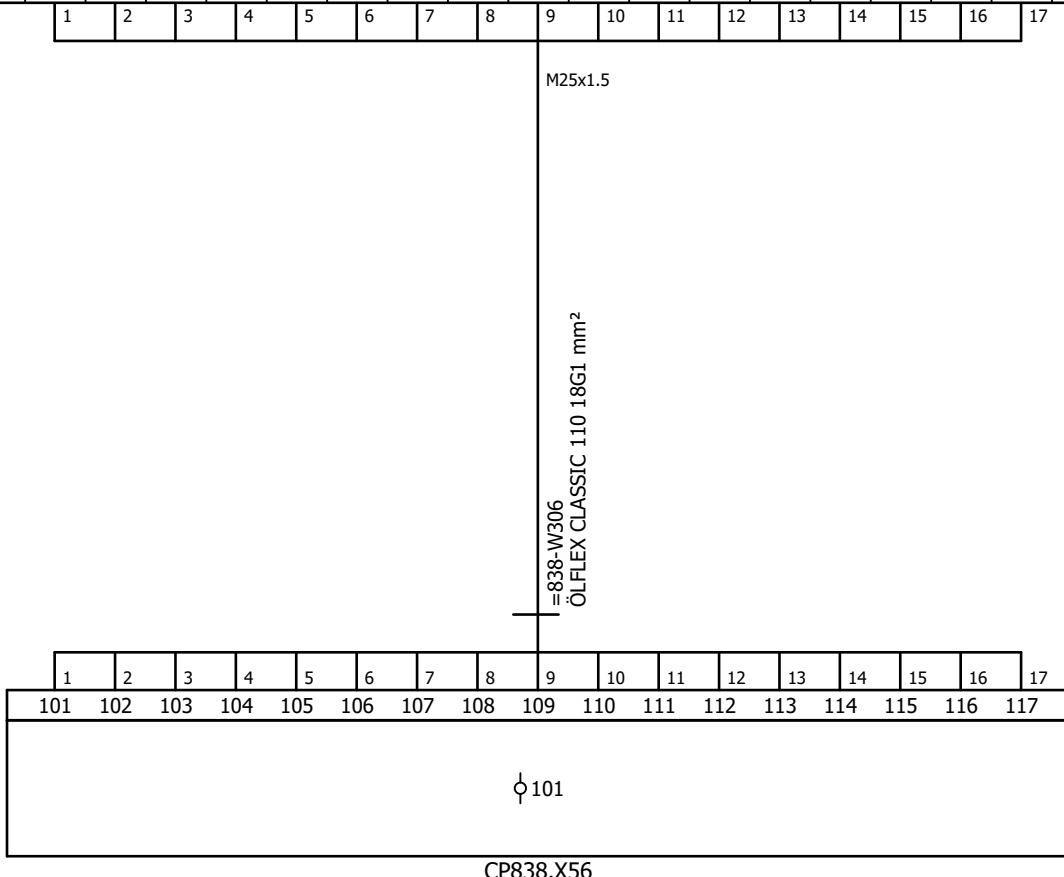
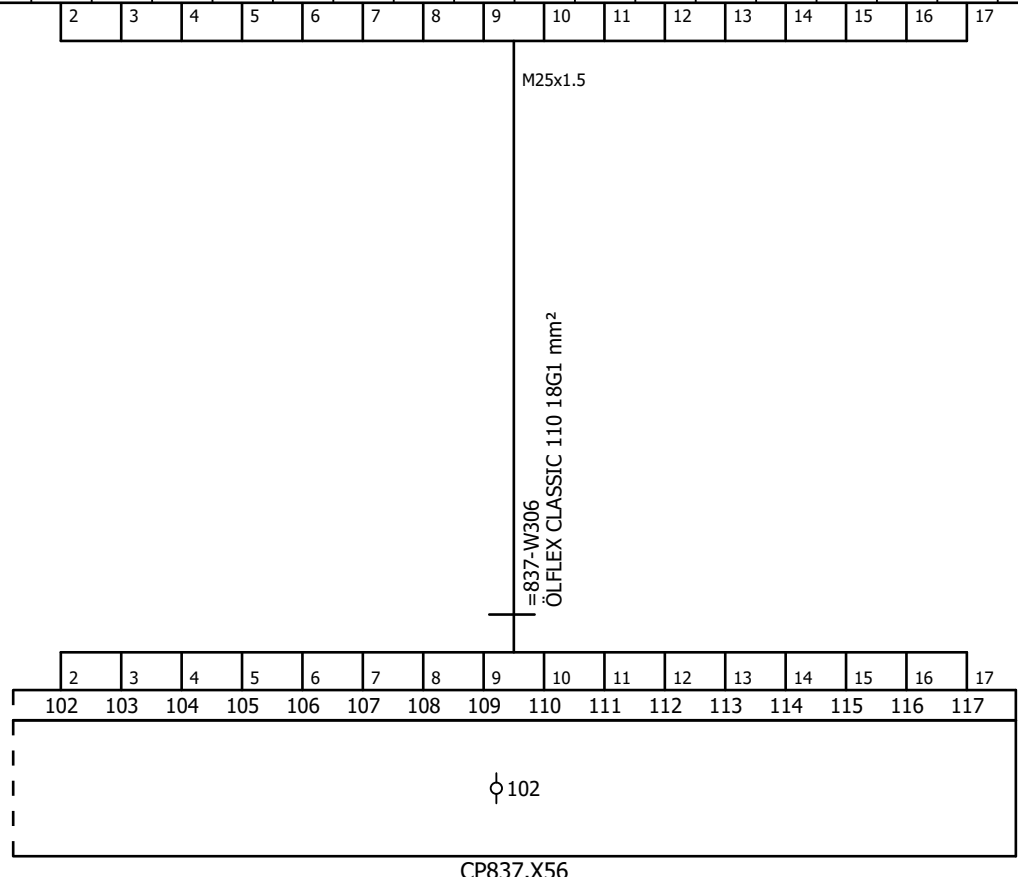
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| CREATOR | SDi | HIGHER-LEVEL DESCRIPTION | TERMINAL |
| DATE | 22.09.2020 | ITEM | TERMINAL |
| CHANGED | 26.10.2020 | FIELD | |

| | |
|---------------------------|-----------------|
| DRAWING NUMBER | 20108 v0.3 CCP3 |
| DRAWING NUMBER VAN AARSEN | |
| PROJECT NUMBER SPIE-VDM | 05601.20.1127 |
| PAGE | 41 /262 |

TERMINAL STRIP

RIO305.X56

| TERMINAL NUMBER | FUNCTION TEXT | PAGE/COLUMN |
|-----------------|--|-------------|
| φ- | LOCAL PANEL -BULK LOADING (4 SILOS) LIGHT ENABLED (1 = ENABLED) | =837/3.3 |
| φ31 | LOCAL PANEL -BULK LOADING (4 SILOS) LIGHT ENABLED (1 = ENABLED) | =837/3.3 |
| φ32 | LOCAL PANEL -BULK LOADING (4 SILOS) SELECTION SILO 1 [SI_823] (1 = SILO 1) | =837/3.6 |
| φ33 | LOCAL PANEL -BULK LOADING (4 SILOS) SELECTION SILO 2 [SI_824] (1 = SILO 2) | =837/3.8 |
| φ34 | LOCAL PANEL -BULK LOADING (4 SILOS) SELECTION SILO 3 [SI_825] (1 = SILO 3) | =837/3.10 |
| φ35 | LOCAL PANEL -BULK LOADING (4 SILOS) SELECTION SILO 4 [SI_826] (1 = SILO 4) | =837/3.12 |
| φ36 | LOCAL PANEL -BULK LOADING (4 SILOS) PUSHBUTTON OPEN (1 = OPEN) | =837/4.3 |
| φ37 | LOCAL PANEL -BULK LOADING (4 SILOS) LIGHT OPENED (1 = OPENED) | =837/4.5 |
| φ38 | LOCAL PANEL -BULK LOADING (4 SILOS) PUSHBUTTON CLOSE (0 = CLOSE) | =837/4.7 |
| φ39 | LOCAL PANEL -BULK LOADING (4 SILOS) LIGHT CLOSED (1 = CLOSED) | =837/4.9 |
| φ40 | LOCAL PANEL -BULK LOADING BELLOW LIGHT UP (1 = IN UPPER POSITION) | =837/4.11 |
| φ41 | SPARE | =837/4.11 |
| φ42 | SPARE | =837/4.12 |
| φ43 | SPARE | =837/4.12 |
| φ44 | SPARE | =837/4.13 |
| φ45 | SPARE | =837/4.13 |
| φ+ | LOCAL PANEL -BULK LOADING (4 SILOS) SELECTION SILO 1 [SI_827] (1 = SILO 1) | =838/3.6 |
| φ- | LOCAL PANEL -BULK LOADING (4 SILOS) LIGHT ENABLED (1 = ENABLED) | =838/3.3 |
| φ46 | LOCAL PANEL -BULK LOADING (4 SILOS) LIGHT ENABLED (1 = ENABLED) | =838/3.3 |
| φ47 | LOCAL PANEL -BULK LOADING (4 SILOS) SELECTION SILO 1 [SI_827] (1 = SILO 1) | =838/3.6 |
| φ48 | LOCAL PANEL -BULK LOADING (4 SILOS) SELECTION SILO 2 [SI_828] (1 = SILO 2) | =838/3.8 |
| φ49 | LOCAL PANEL -BULK LOADING (4 SILOS) SELECTION SILO 3 [SI_829] (1 = SILO 3) | =838/3.10 |
| φ50 | LOCAL PANEL -BULK LOADING (4 SILOS) SELECTION SILO 4 [SI_830] (1 = SILO 4) | =838/3.12 |
| φ51 | LOCAL PANEL -BULK LOADING (4 SILOS) PUSHBUTTON OPEN (1 = OPEN) | =838/4.3 |
| φ52 | LOCAL PANEL -BULK LOADING (4 SILOS) LIGHT OPENED (1 = OPENED) | =838/4.5 |
| φ53 | LOCAL PANEL -BULK LOADING (4 SILOS) PUSHBUTTON CLOSE (0 = CLOSE) | =838/4.7 |
| φ54 | LOCAL PANEL -BULK LOADING (4 SILOS) LIGHT CLOSED (1 = CLOSED) | =838/4.9 |
| φ55 | LOCAL PANEL -BULK LOADING BELLOW LIGHT UP (1 = IN UPPER POSITION) | =838/4.11 |
| φ56 | SPARE | =838/4.11 |
| φ57 | SPARE | =838/4.12 |
| φ58 | SPARE | =838/4.12 |
| φ59 | SPARE | =838/4.13 |
| φ60 | SPARE | =838/4.13 |
| φ+ | ITEM 941 DOSING PUMP | =941/3.2 |
| φ- | ITEM 941 DOSING PUMP | =941/3.2 |
| φ61 | LIQUID DOSING -CONTINUOUS [OIL] LEVEL INDICATOR OIL PRESENT (0 = FAULT) | =941/3.4 |
| φ62 | LIQUID DOSING -CONTINUOUS [OIL] FLOW METER PULSE (COUNTER) | =941/3.9 |
| φ63 | LIQUID DOSING -CONTINUOUS [OIL] MOTOR WORK SWITCH (0 = FAULT) | =941/3.14 |



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41.B



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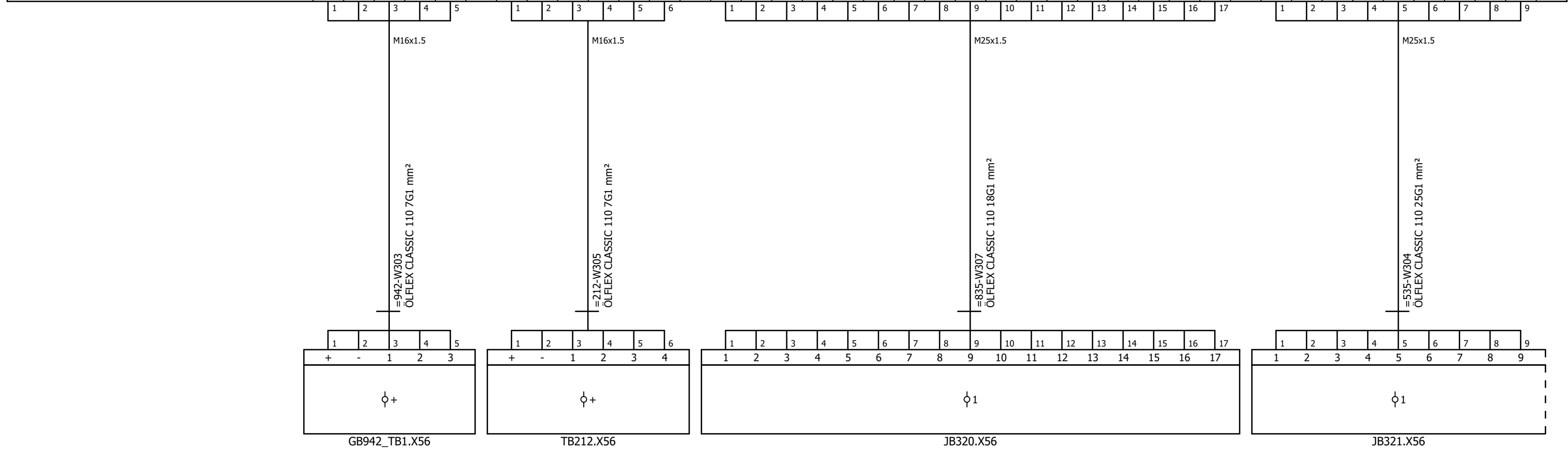
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FEEDMILL 40 T/H CCP3
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DRAUGHTSMAN JRo
CREATOR SDi
DATE 22.09.2020
CHANGED 26.10.2020

HIGHER-LEVEL FUNCTION = TERMINAL
HIGHER-LEVEL DESCRIPTION TERMINAL
ITEM TERMINAL
FIELD

DRAWING NUMBER 20108 v0.3 CCP3
DRAWING NUMBER VAN AARSEN
PROJECT NUMBER SPIE-VDM 05601.20.1127
PAGE 41.A /262

| TERMINAL STRIP | FUNCTION TEXT | PAGE/COLUMN |
|----------------|---|-------------|
| RIO305.X56 | | |
| | ITEM 942 DOSING PUMP | =942/3.2 |
| | ITEM 942 DOSING PUMP | =942/3.2 |
| | LIQUID DOSING -CONTINUOUS [OIL] LEVEL INDICATOR OIL PRESENT (0 = FAULT) | =942/3.4 |
| | LIQUID DOSING -CONTINUOUS [OIL] FLOW METER PULSE (COUNTER) | =942/3.9 |
| | LIQUID DOSING -CONTINUOUS [OIL] MOTOR WORK SWITCH (0 = FAULT) | =942/3.14 |
| | ITEM 212 CHAIN CONVEYOR | =212/3.3 |
| | ITEM 212 CHAIN CONVEYOR | =212/3.3 |
| | CHAIN CONVEYOR MOTOR WORK SWITCH (0 = FAULT) | =212/3.5 |
| | CHAIN CONVEYOR OVERFLOW OK (0 = FAULT) | =212/3.8 |
| | CHAIN CONVEYOR SPEED MONITOR PULSE (1 = PULS) | =212/3.11 |
| | CHAIN CONVEYOR PRODUCT INDICATOR PRODUCT (1 = PRODUCT) | =212/3.14 |
| | BULK LOADING BELLOW MOTOR WORK SWITCH (0 = FAULT) | =835/2.5 |
| | BULK LOADING BELLOW LOADING ENABLE (1 = ENABLE) | =835/2.8 |
| | BULK LOADING BELLOW PRODUCT INDICATOR PRODUCT (1 = PRODUCT) | =835/2.11 |
| | SPARE | =835/2.11 |
| | BULK LOADING BELLOW MOTOR WORK SWITCH (0 = FAULT) | =836/2.5 |
| | BULK LOADING BELLOW LOADING ENABLE (1 = ENABLE) | =836/2.8 |
| | BULK LOADING BELLOW PRODUCT INDICATOR PRODUCT (1 = PRODUCT) | =836/2.11 |
| | SPARE | =836/2.11 |
| | BULK LOADING BELLOW MOTOR WORK SWITCH (0 = FAULT) | =837/2.5 |
| | BULK LOADING BELLOW LOADING ENABLE (1 = ENABLE) | =837/2.8 |
| | BULK LOADING BELLOW PRODUCT INDICATOR PRODUCT (1 = PRODUCT) | =837/2.11 |
| | SPARE | =837/2.11 |
| | BULK LOADING BELLOW MOTOR WORK SWITCH (0 = FAULT) | =838/2.5 |
| | BULK LOADING BELLOW LOADING ENABLE (1 = ENABLE) | =838/2.8 |
| | BULK LOADING BELLOW PRODUCT INDICATOR PRODUCT (1 = PRODUCT) | =838/2.11 |
| | SPARE | =838/2.11 |
| | SPARE | =838/2.12 |
| | ROTARY VALVE MOTOR WORK SWITCH (0 = FAULT) | =535/3.3 |
| | COOLER TK SINGLE MOTOR PELLET DISTRIBUTOR WORK SWITCH (0 = FAULT) | =540/3.3 |
| | COOLER TK SINGLE MOTOR HYDRO PUMP WORK SWITCH (0 = FAULT) | =540/6.3 |
| | COOLER TK SINGLE VALVE GRID 1 TO LEFT (1 = TO LEFT) | =540/7.8 |
| | COOLER TK SINGLE VALVE GRID 1 TO RIGHT (1 = TO RIGHT) | =540/7.10 |
| | COOLER TK SINGLE VALVE GRID 1 IN LEFT POSITION (1 = LEFT) | =540/8.3 |
| | COOLER TK SINGLE VALVE GRID 1 IN MIDDLE POSITION (1 = MIDDLE) | =540/8.6 |
| | COOLER TK SINGLE VALVE GRID 1 IN RIGHT POSITION (1 = RIGHT) | =540/8.9 |
| | COOLER TK SINGLE LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =540/8.12 |



41.A

41.C



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| PROJECT DESCRIPTION | AGROECO ECOMIX - RUSSIA FEEDMILL 40 T/H CCP3 |
| PAGE DESCRIPTION | TERMINAL STRIP RIO305.X56 |

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| DRAUGHTSMAN | JRo | HIGHER-LEVEL FUNCTION | = TERMINAL |
| CREATOR | SDi | HIGHER-LEVEL DESCRIPTION | TERMINAL |
| DATE | 22.09.2020 | ITEM | TERMINAL |
| CHANGED | 26.10.2020 | FIELD | |

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| DRAWING NUMBER | 20108 v0.3 CCP3 |
| DRAWING NUMBER VAN AARSEN | |
| PROJECT NUMBER SPIE-VDM | 05601.20.1127 |
| PAGE | 41.B /262 |

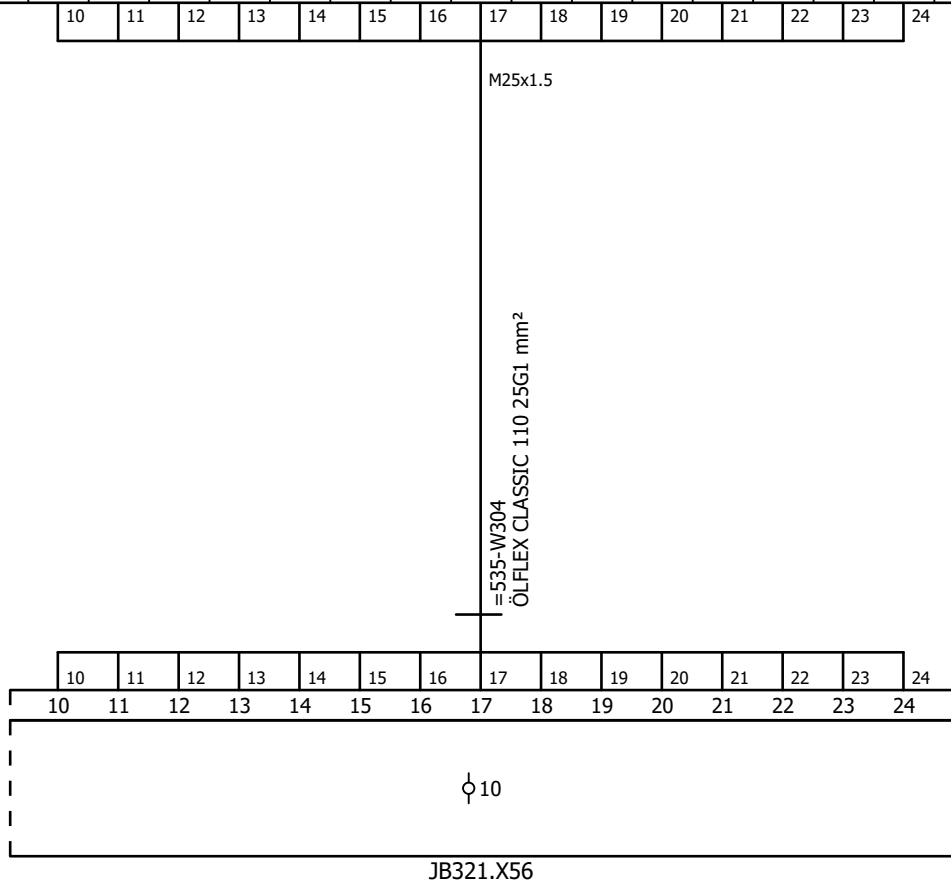
TERMINAL STRIP

RIO305.X56

| FUNCTION TEXT | PAGE/COLUMN |
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| SCREW CONVEYOR MOTOR WORK SWITCH (0 = FAULT) | =561/3.5 |
| SCREW CONVEYOR OVERFLOW OK (0 = FAULT) | =561/3.8 |
| SPARE | =561/3.9 |
| SPARE | =561/3.9 |
| BUCKET ELEVATOR SPEED MONITOR PULSE (1 = PULSE) | =562/4.5 |
| BUCKET ELEVATOR MIS ALIGNMENT BOTTOM (0 = FAULT) | =562/4.8 |
| BUCKET ELEVATOR MIS ALIGNMENT BOTTOM (0 = FAULT) | =562/4.11 |
| BUCKET ELEVATOR MIS ALIGNMENT BOTTOM (0 = FAULT) | =562/4.11 |
| SPARE | =562/4.12 |
| SPARE | =562/4.12 |
| SPARE | =562/4.13 |
| SPARE | =562/4.13 |
| SPARE | =562/4.13 |
| SPARE | =562/4.14 |
| SPARE | =562/4.14 |

TERMINAL NUMBER

| | | | | | | | | | | | | | | |
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| φ 127 | φ 128 | φ 129 | φ 130 | φ 131 | φ 132 | φ 133 | φ 134 | φ 135 | φ 136 | φ 137 | φ 138 | φ 139 | φ 140 | φ 141 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|



41.B

42



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 PANHEEL
 THE NETHERLANDS

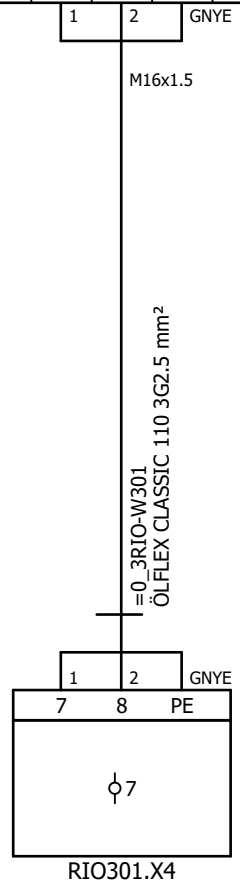
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 FEEDMILL 40 T/H CCP3**
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DRAUGHTSMAN **JRo**
 CREATOR **SDi**
 DATE **22.09.2020**
 CHANGED **26.10.2020**

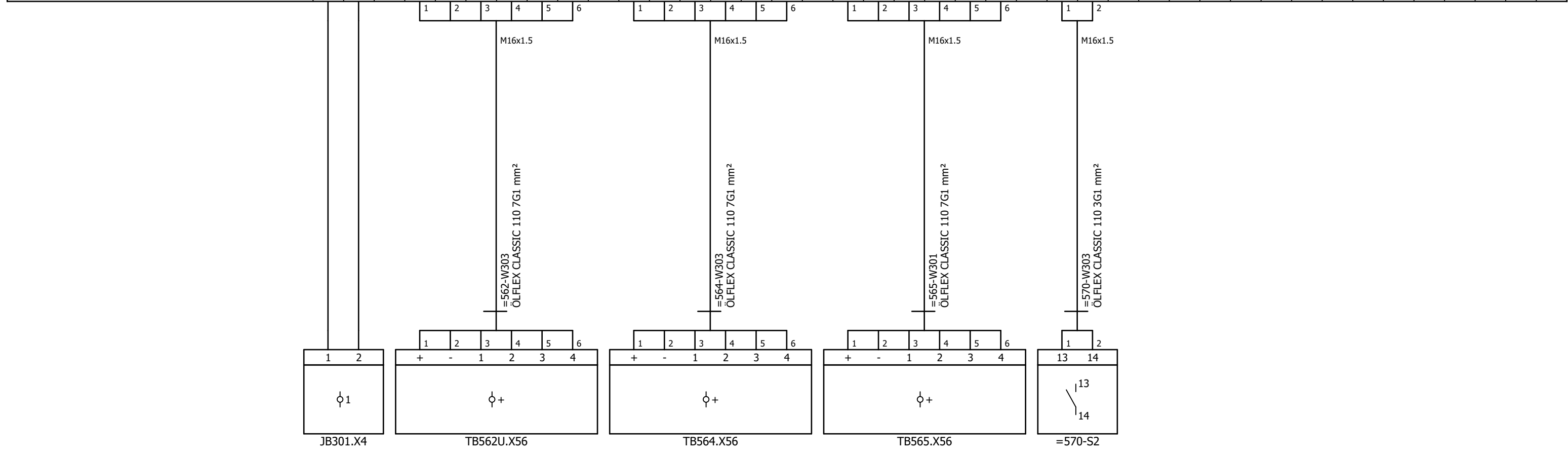
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 ITEM **TERMINAL**
 FIELD

DRAWING NUMBER **20108 v0.3 CCP3**
 DRAWING NUMBER VAN AARSEN
 PROJECT NUMBER **05601.20.1127**
 PAGE **41.C /262**

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|-----------------|---------------|-----------------------------|-----------------------------|-----------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
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| | FUNCTION TEXT | CONTROL CURRENT 24VDC JB301 | CONTROL CURRENT 24VDC JB301 | CONTROL CURRENT 24VDC JB301 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TERMINAL NUMBER | | φ1 | φ2 | φ PE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| TERMINAL STRIP | FUNCTION TEXT | PAGE/COLUMN |
|----------------|--|-------------|
| JB301.X56 | CONTROL CURRENT 24VDC JB301 | =0_3RIO/3.3 |
| | CONTROL CURRENT 24VDC JB301 | =0_3RIO/3.3 |
| | CONTROL CURRENT 24VDC JB301 | =0_3RIO/3.4 |
| | ITEM 562 ELEVATOR | =562/3.3 |
| | ITEM 562 ELEVATOR | =562/3.3 |
| | BUCKET ELEVATOR MOTOR WORK SWITCH (0 = FAULT) | =562/3.5 |
| | BUCKET ELEVATOR MIS ALIGNMENT TOP (0 = FAULT) | =562/3.8 |
| | BUCKET ELEVATOR MIS ALIGNMENT TOP (0 = FAULT) | =562/3.11 |
| | BUCKET ELEVATOR MIS ALIGNMENT TOP (0 = FAULT) | =562/3.11 |
| | ITEM 564 SCREW CONVEYOR | =564/3.3 |
| | ITEM 564 SCREW CONVEYOR | =564/3.3 |
| | SCREW CONVEYOR MOTOR WORK SWITCH (0 = FAULT) | =564/3.5 |
| | SCREW CONVEYOR OVERFLOW OK (0 = FAULT) | =564/3.8 |
| | SPARE | =564/3.8 |
| | SPARE | =564/3.9 |
| | ITEM 565 VALVE BOX | =565/1.3 |
| | ITEM 565 VALVE BOX | =565/1.3 |
| | VALVE BOX - AO 2-2 VALVE IN POSITION 470 (1 = 470) | =565/1.5 |
| | VALVE BOX - AO 2-2 VALVE IN POSITION 700 (1 = 700) | =565/1.8 |
| | VALVE BOX - AO 2-2 VALVE TO 470 (1 = TO 470) | =565/1.11 |
| | VALVE BOX - AO 2-2 VALVE TO 700 (1 = TO 700) | =565/1.13 |
| | SIEVE MOTOR WORK SWITCH (0 = FAULT) | =570/3.3 |
| | SIEVE MOTOR WORK SWITCH (0 = FAULT) | =570/3.3 |
| | SPARE | =570/3.3 |
| | SPARE | =570/3.4 |
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 PANHEEL
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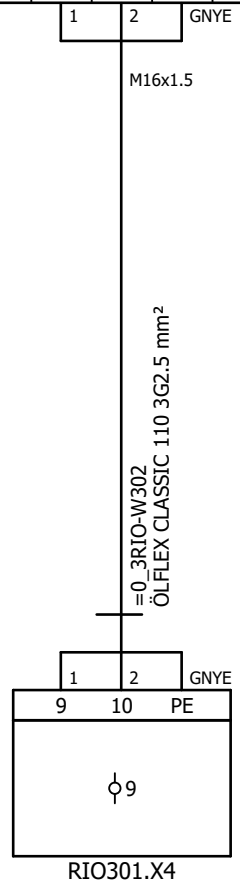
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DRAUGHTSMAN JRo
 CREATOR SDi
 DATE 22.09.2020
 CHANGED 26.10.2020

HIGHER-LEVEL FUNCTION = TERMINAL
 HIGHER-LEVEL DESCRIPTION TERMINAL
 ITEM TERMINAL
 FIELD

DRAWING NUMBER 20108 v0.3 CCP3
 DRAWING NUMBER VAN AARSEN
 PROJECT NUMBER SPIE-VDM 05601.20.1127
 PAGE 43 /262

| | |
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| TERMINAL STRIP | |
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| TERMINAL NUMBER | φ1 φ2 φ PE |



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PROJECT DESCRIPTION AGROECO ECOMIX - RUSSIA
FEEDMILL 40 T/H CCP3
PAGE DESCRIPTION TERMINAL STRIP JB302.X4

DRAUGHTSMAN JRo
CREATOR SDi
DATE 22.09.2020
CHANGED 26.10.2020

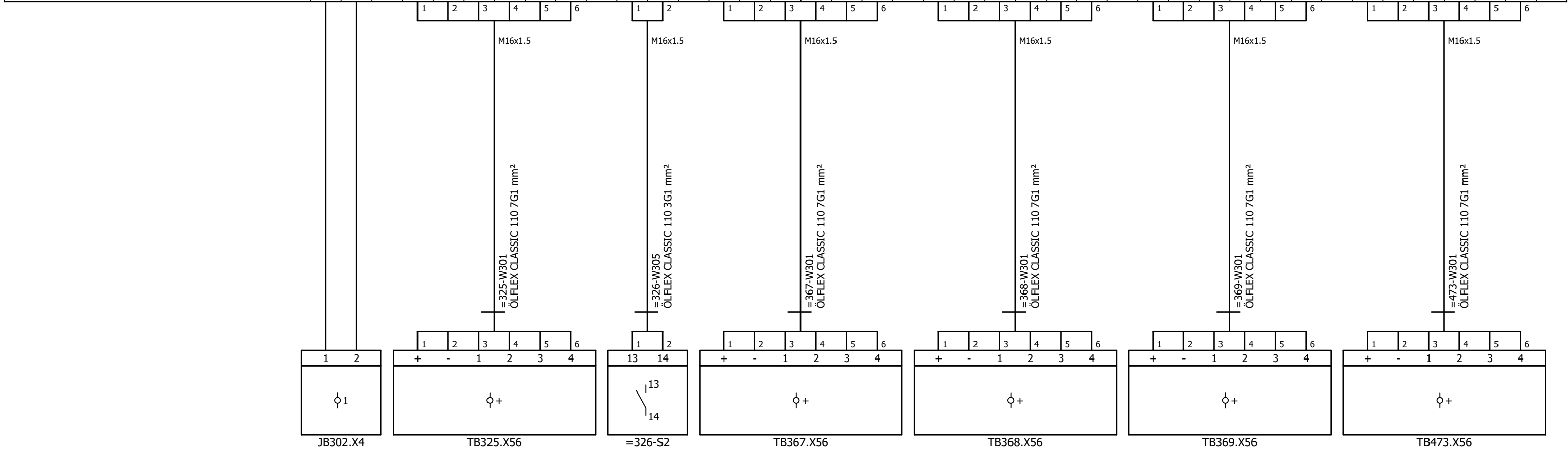
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ITEM TERMINAL
FIELD

DRAWING NUMBER 20108 v0.3 CCP3
DRAWING NUMBER VAN AARSEN
PROJECT NUMBER SPIE-VDM 05601.20.1127
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TERMINAL STRIP

JB302.X56

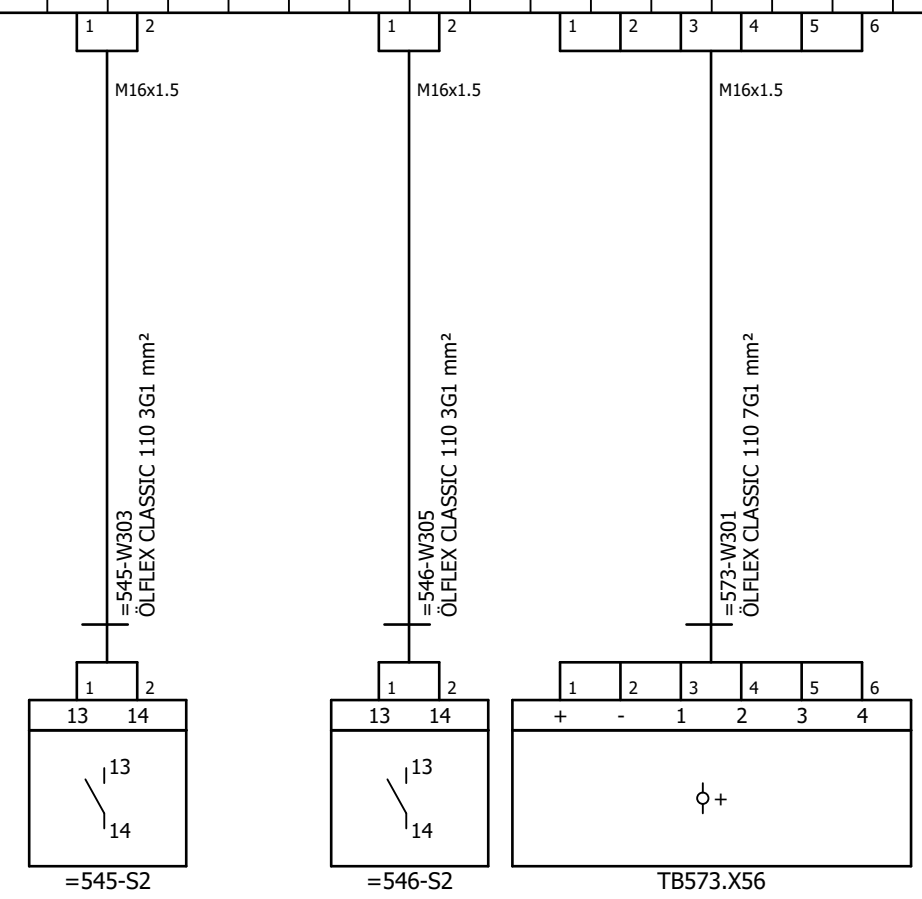
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| CONTROL CURRENT 24VDC JB302 | =0_3RIO/3.7 |
| CONTROL CURRENT 24VDC JB302 | =0_3RIO/3.8 |
| ITEM 325 AIR VALVE | =325/1.3 |
| ITEM 325 AIR VALVE | =325/1.3 |
| AIR VALVE - AO 1-2 VALVE OPENED (1 = OPENED) | =325/1.5 |
| AIR VALVE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =325/1.8 |
| AIR VALVE - AO 1-2 VALVE OPEN (1 = OPENING) | =325/1.11 |
| SPARE | =325/1.11 |
| FAN MOTOR WORK SWITCH (0 = FAULT) | =326/3.3 |
| FAN MOTOR WORK SWITCH (0 = FAULT) | =326/3.3 |
| ITEM 367 SLIDE | =367/1.3 |
| ITEM 367 SLIDE | =367/1.3 |
| SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =367/1.5 |
| SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =367/1.8 |
| SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =367/1.11 |
| SPARE | =367/1.11 |
| ITEM 368 SLIDE | =368/1.3 |
| ITEM 368 SLIDE | =368/1.3 |
| SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =368/1.5 |
| SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =368/1.8 |
| SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =368/1.11 |
| SPARE | =368/1.11 |
| ITEM 369 VALVE BOX | =369/1.3 |
| ITEM 369 VALVE BOX | =369/1.3 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 801 (1 = 801) | =369/1.5 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 803 (1 = 803) | =369/1.8 |
| VALVE BOX - AO 2-2 VALVE TO 801 (1 = TO 801) | =369/1.11 |
| VALVE BOX - AO 2-2 VALVE TO 803 (1 = TO 803) | =369/1.13 |
| ITEM 473 VALVE BOX | =473/1.3 |
| ITEM 473 VALVE BOX | =473/1.3 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 474 (1 = 474) | =473/1.5 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 480 (1 = 480) | =473/1.8 |
| VALVE BOX - AO 2-2 VALVE TO 474 (1 = TO 474) | =473/1.11 |
| VALVE BOX - AO 2-2 VALVE TO 480 (1 = TO 480) | =473/1.13 |



TERMINAL STRIP

JB302.X56

| TERMINAL NUMBER | FUNCTION TEXT | PAGE/COLUMN |
|-----------------|--|-------------|
| 0+ | AIR VALVE - MO 2-2 MOTOR WORK SWITCH (0 = FAULT) | =545/3.3 |
| 022 | AIR VALVE - MO 2-2 MOTOR WORK SWITCH (0 = FAULT) | =545/3.3 |
| 023 | SPARE | =545/3.3 |
| 024 | SPARE | =545/3.4 |
| 025 | SPARE | =545/3.4 |
| 0+ | FAN MOTOR WORK SWITCH (0 = FAULT) | =546/3.3 |
| 026 | FAN MOTOR WORK SWITCH (0 = FAULT) | =546/3.3 |
| | | |
| 0+ | ITEM 573 VALVE BOX | =573/1.3 |
| 0- | ITEM 573 VALVE BOX | =573/1.3 |
| 027 | VALVE BOX - AO 2-2 VALVE IN POSITION 473 (1 = 473) | =573/1.5 |
| 028 | VALVE BOX - AO 2-2 VALVE IN POSITION 480 (1 = 480) | =573/1.8 |
| 029 | VALVE BOX - AO 2-2 VALVE TO 473 (1 = TO 473) | =573/1.11 |
| 030 | VALVE BOX - AO 2-2 VALVE TO 480 (1 = TO 480) | =573/1.13 |
| 031 | SPARE | =573/1.13 |
| 032 | SPARE | =573/1.14 |
| 033 | SPARE | =573/1.14 |
| 034 | SPARE | =573/1.15 |
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v. AARSEN INT. B.V.
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PROJECT DESCRIPTION AGROECO ECOMIX - RUSSIA
FEEDMILL 40 T/H CCP3
PAGE DESCRIPTION TERMINAL STRIP JB302.X56

DRAUGHTSMAN JRo
CREATOR SDi
DATE 22.09.2020
CHANGED 26.10.2020

HIGHER-LEVEL FUNCTION =TERMINAL
HIGHER-LEVEL DESCRIPTION TERMINAL
ITEM TERMINAL
FIELD

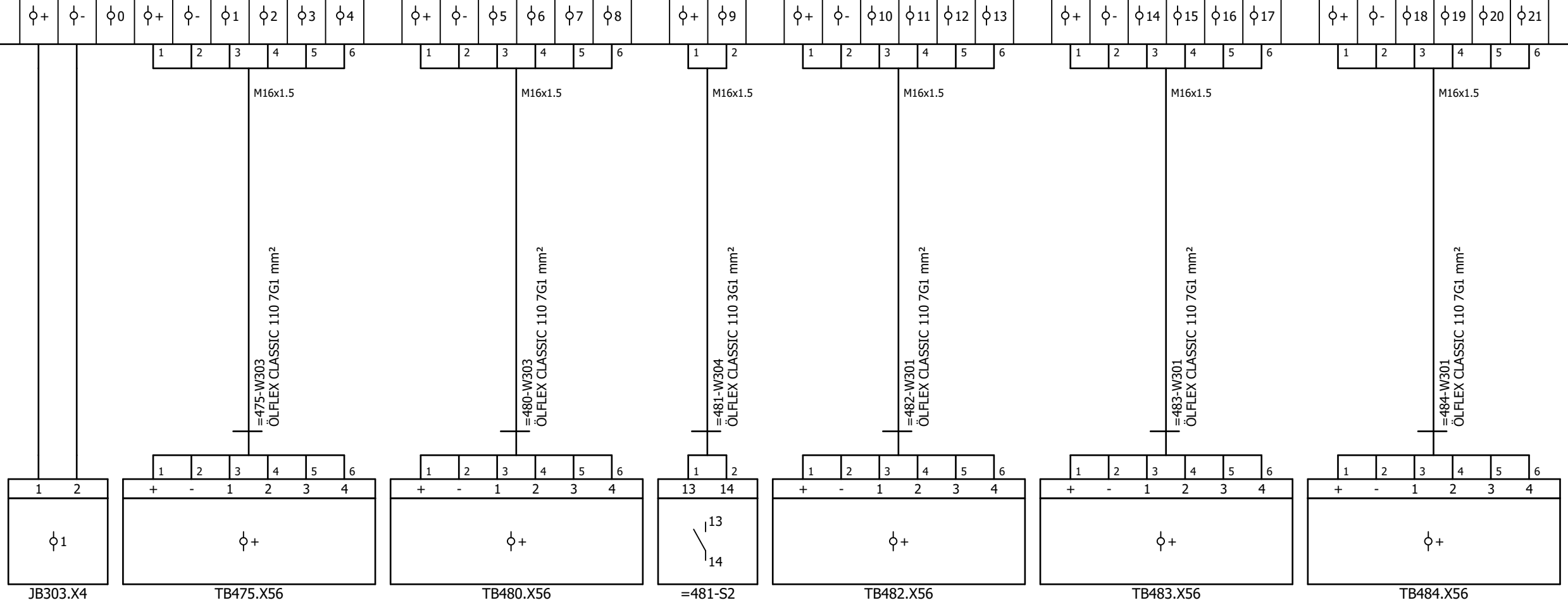
DRAWING NUMBER 20108 v0.3 CCP3
DRAWING NUMBER VAN AARSEN
PROJECT NUMBER SPIE-VDM 05601.20.1127
PAGE 45.A /262

TERMINAL STRIP

JB303.X56

| FUNCTION TEXT | PAGE/COLUMN |
|--|--------------|
| CONTROL CURRENT 24VDC JB303 | =0_3RIO/3.11 |
| CONTROL CURRENT 24VDC JB303 | =0_3RIO/3.11 |
| CONTROL CURRENT 24VDC JB303 | =0_3RIO/3.12 |
| ITEM 475 SCREW CONVEYOR | =475/3.3 |
| ITEM 475 SCREW CONVEYOR | =475/3.3 |
| SCREW CONVEYOR MOTOR WORK SWITCH (0 = FAULT) | =475/3.5 |
| SCREW CONVEYOR OVERFLOW OK (0 = FAULT) | =475/3.8 |
| SCREW CONVEYOR PRODUCT INDICATOR PRODUCT (1 = PRODUCT) | =475/3.11 |
| SPARE | =475/3.12 |
| ITEM 480 CHAIN CONVEYOR | =480/3.3 |
| ITEM 480 CHAIN CONVEYOR | =480/3.3 |
| CHAIN CONVEYOR MOTOR WORK SWITCH (0 = FAULT) | =480/3.5 |
| CHAIN CONVEYOR OVERFLOW OK (0 = FAULT) | =480/3.8 |
| CHAIN CONVEYOR SPEED MONITOR PULSE (1 = PULS) | =480/3.11 |
| SPARE | =480/3.12 |
| FAN WITH FILTER - BASIC FAN WORK SWITCH (0 = FAULT) | =481/3.3 |
| FAN WITH FILTER - BASIC FAN WORK SWITCH (0 = FAULT) | =481/3.3 |
| ITEM 482 SLIDE | =482/1.3 |
| ITEM 482 SLIDE | =482/1.3 |
| SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =482/1.5 |
| SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =482/1.8 |
| SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =482/1.11 |
| SPARE | =482/1.11 |
| ITEM 483 SLIDE | =483/1.3 |
| ITEM 483 SLIDE | =483/1.3 |
| SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =483/1.5 |
| SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =483/1.8 |
| SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =483/1.11 |
| SPARE | =483/1.11 |
| ITEM 484 SLIDE | =484/1.3 |
| ITEM 484 SLIDE | =484/1.3 |
| SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =484/1.5 |
| SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =484/1.8 |
| SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =484/1.11 |
| SPARE | =484/1.11 |

TERMINAL NUMBER



v. AARSEN INT. B.V.
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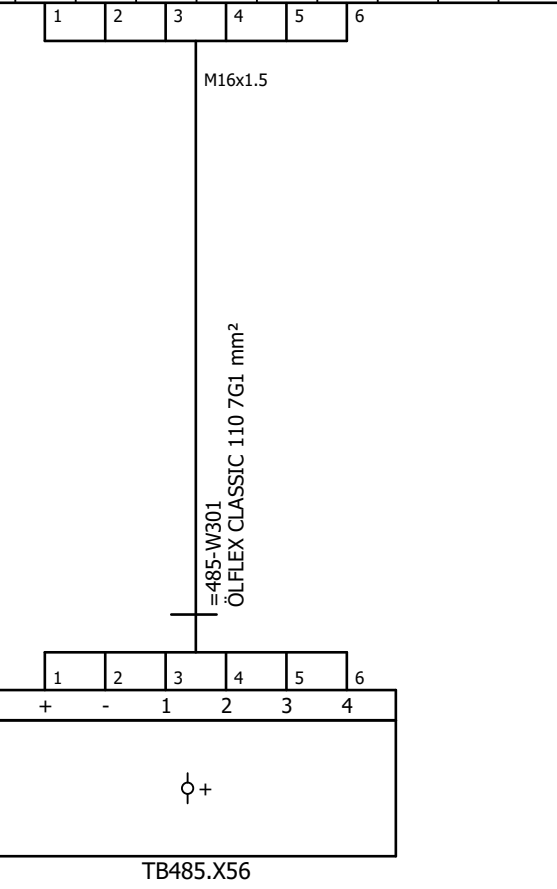
PROJECT DESCRIPTION: AGROECO ECOMIX - RUSSIA
FEEDMILL 40 T/H CCP3
PAGE DESCRIPTION: TERMINAL STRIP JB303.X56

DRAUGHTSMAN: JRo
CREATOR: SDi
DATE: 22.09.2020
CHANGED: 26.10.2020

HIGHER-LEVEL FUNCTION: = TERMINAL
HIGHER-LEVEL DESCRIPTION: TERMINAL
ITEM: TERMINAL
FIELD:

DRAWING NUMBER: 20108 v0.3 CCP3
DRAWING NUMBER VAN AARSEN:
PROJECT NUMBER SPIE-VDM: 05601.20.1127
PAGE: 47 /262

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| | FUNCTION TEXT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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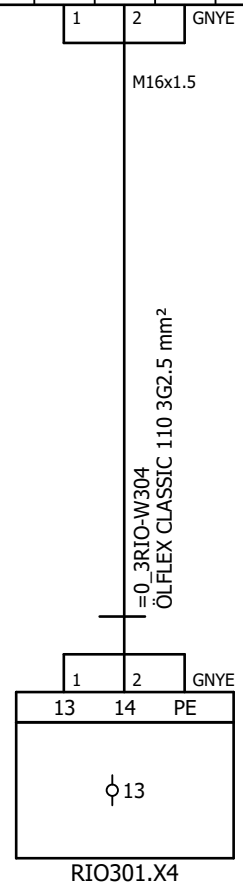


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|  | v. AARSEN INT. B.V. | PROJECT DESCRIPTION AGROECO ECOMIX - RUSSIA | DRAUGHTSMAN JRo | HIGHER-LEVEL FUNCTION =TERMINAL | DRAWING NUMBER 20108 v0.3 CCP3 |
| | PANHEEL | FEEDMILL 40 T/H CCP3 | CREATOR SDi | HIGHER-LEVEL DESCRIPTION TERMINAL | DRAWING NUMBER VAN AARSEN |
| | THE NETHERLANDS | PAGE DESCRIPTION TERMINAL STRIP JB303.X56 | DATE 22.09.2020 | ITEM TERMINAL | PROJECT NUMBER SPIE-VDM 05601.20.1127 |
| | | | CHANGED 26.10.2020 | FIELD | PAGE 47.A /262 |

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| TERMINAL STRIP | | PAGE/COLUMN =0_3RIO/3.15 =0_3RIO/3.15 =0_3RIO/3.16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JB304.X4 | | | FUNCTION TEXT CONTROL CURRENT 24VDC JB304 CONTROL CURRENT 24VDC JB304 CONTROL CURRENT 24VDC JB304 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TERMINAL NUMBER | | | | φ1 | φ2 | φ PE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



47.A

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v. AARSEN INT. B.V.
PANHEEL
THE NETHERLANDS

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| PROJECT DESCRIPTION | AGROECO ECOMIX - RUSSIA FEEDMILL 40 T/H CCP3 |
| PAGE DESCRIPTION | TERMINAL STRIP JB304.X4 |

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| DRAUGHTSMAN | JRo | HIGHER-LEVEL FUNCTION | = TERMINAL |
| CREATOR | SDi | HIGHER-LEVEL DESCRIPTION | TERMINAL |
| DATE | 22.09.2020 | ITEM | TERMINAL |
| CHANGED | 26.10.2020 | FIELD | |

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|---------------------------|-----------------|
| DRAWING NUMBER | 20108 v0.3 CCP3 |
| DRAWING NUMBER VAN AARSEN | |
| PROJECT NUMBER SPIE-VDM | 05601.20.1127 |
| PAGE | 48 /262 |

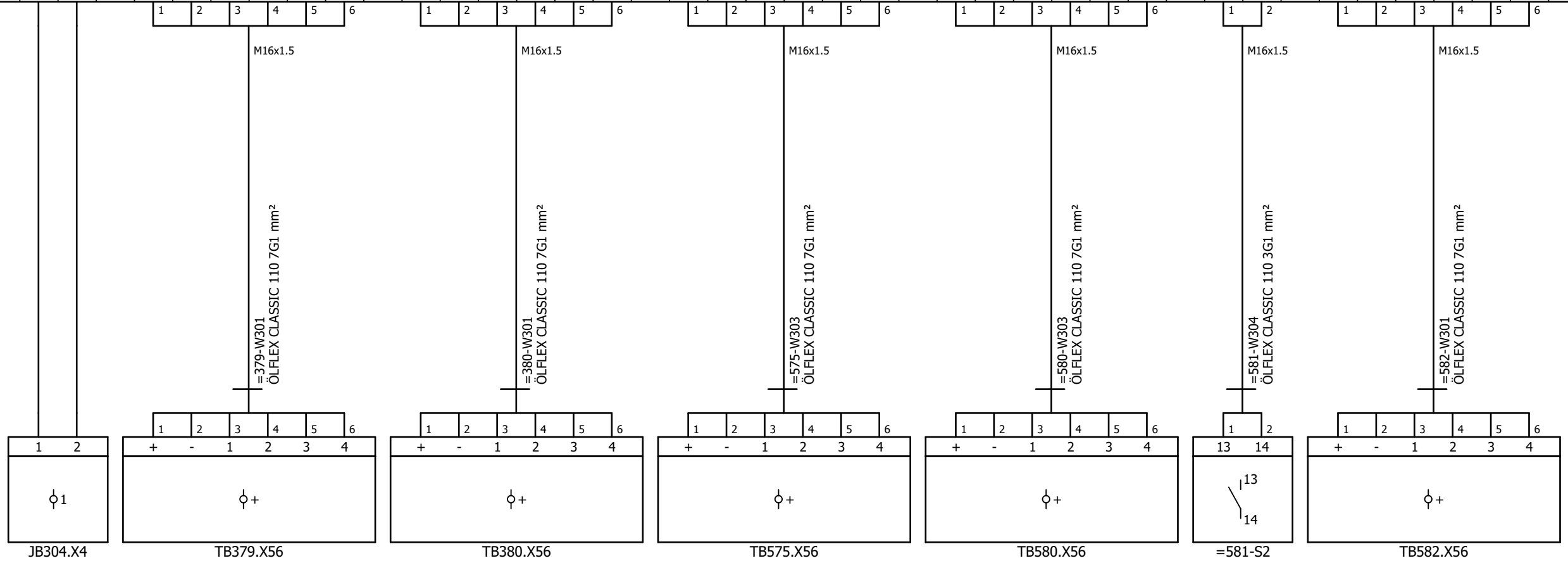
TERMINAL STRIP

JB304.X56

| FUNCTION TEXT | PAGE/COLUMN |
|--|--------------|
| CONTROL CURRENT 24VDC JB304 | =0_3RIO/3.15 |
| CONTROL CURRENT 24VDC JB304 | =0_3RIO/3.15 |
| CONTROL CURRENT 24VDC JB304 | =0_3RIO/3.16 |
| ITEM 379 SLIDE | =379/1.3 |
| ITEM 379 SLIDE | =379/1.3 |
| SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =379/1.5 |
| SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =379/1.8 |
| SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =379/1.11 |
| SPARE | =379/1.11 |
| ITEM 380 SLIDE | =380/1.3 |
| ITEM 380 SLIDE | =380/1.3 |
| SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =380/1.5 |
| SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =380/1.8 |
| SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =380/1.11 |
| SPARE | =380/1.11 |
| ITEM 575 SCREW CONVEYOR | =575/3.3 |
| ITEM 575 SCREW CONVEYOR | =575/3.3 |
| SCREW CONVEYOR MOTOR WORK SWITCH (0 = FAULT) | =575/3.5 |
| SCREW CONVEYOR OVERFLOW OK (0 = FAULT) | =575/3.8 |
| SCREW CONVEYOR PRODUCT INDICATOR PRODUCT (1 = PRODUCT) | =575/3.11 |
| SPARE | =575/3.12 |
| ITEM 580 CHAIN CONVEYOR | =580/3.3 |
| ITEM 580 CHAIN CONVEYOR | =580/3.3 |
| CHAIN CONVEYOR MOTOR WORK SWITCH (0 = FAULT) | =580/3.5 |
| CHAIN CONVEYOR OVERFLOW OK (0 = FAULT) | =580/3.8 |
| CHAIN CONVEYOR SPEED MONITOR PULSE (1 = PULS) | =580/3.11 |
| SPARE | =580/3.12 |
| FAN WITH FILTER - BASIC FAN WORK SWITCH (0 = FAULT) | =581/3.3 |
| FAN WITH FILTER - BASIC FAN WORK SWITCH (0 = FAULT) | =581/3.3 |
| ITEM 582 SLIDE | =582/1.3 |
| ITEM 582 SLIDE | =582/1.3 |
| SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =582/1.5 |
| SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =582/1.8 |
| SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =582/1.11 |
| SPARE | =582/1.11 |

TERMINAL NUMBER

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| φ+ | φ- | φ0 | φ+ | φ- | φ1 | φ2 | φ3 | φ4 | φ+ | φ- | φ5 | φ6 | φ7 | φ8 | φ+ | φ- | φ9 | φ10 | φ11 | φ12 | φ+ | φ- | φ13 | φ14 | φ15 | φ16 | φ+ | φ17 | φ+ | φ- | φ18 | φ19 | φ20 | φ21 |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|----|----|-----|-----|-----|-----|----|-----|----|----|-----|-----|-----|-----|



v. AARSEN INT. B.V.
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| PROJECT DESCRIPTION | AGROECO ECOMIX - RUSSIA FEEDMILL 40 T/H CCP3 |
| PAGE DESCRIPTION | TERMINAL STRIP JB304.X56 |

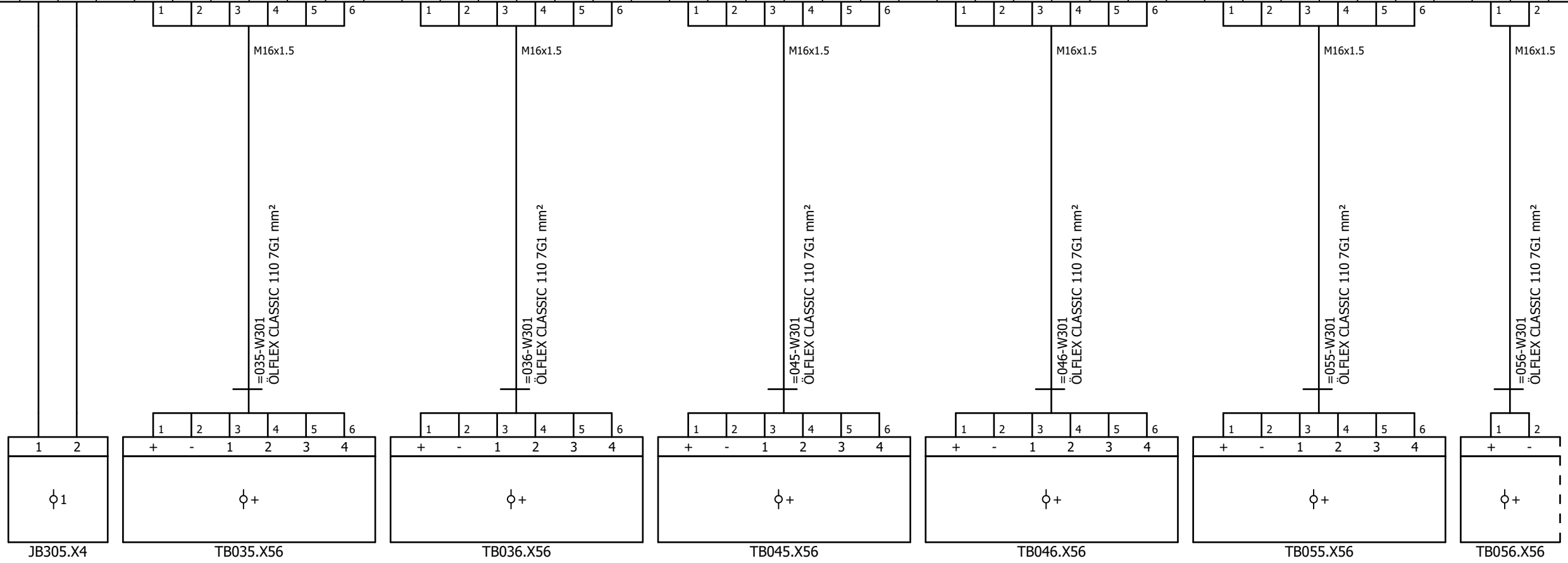
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| DRAUGHTSMAN | JRo | HIGHER-LEVEL FUNCTION | = TERMINAL |
| CREATOR | SDi | HIGHER-LEVEL DESCRIPTION | TERMINAL |
| DATE | 22.09.2020 | ITEM | TERMINAL |
| CHANGED | 26.10.2020 | FIELD | |

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| DRAWING NUMBER | 20108 v0.3 CCP3 |
| DRAWING NUMBER VAN AARSEN | |
| PROJECT NUMBER SPIE-VDM | 05601.20.1127 |
| PAGE | 49 /262 |

TERMINAL STRIP

JB305.X56

| TERMINAL NUMBER | FUNCTION TEXT | PAGE/COLUMN |
|-----------------|--|-------------|
| φ+ | CONTROL CURRENT 24VDC JB305 | =0_3RIO/4.3 |
| φ- | CONTROL CURRENT 24VDC JB305 | =0_3RIO/4.3 |
| φ0 | CONTROL CURRENT 24VDC JB305 | =0_3RIO/4.4 |
| φ+ | ITEM 035 SLIDE | =035/1.3 |
| φ- | ITEM 035 SLIDE | =035/1.3 |
| φ1 | SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =035/1.5 |
| φ2 | SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =035/1.8 |
| φ3 | SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =035/1.11 |
| φ4 | SPARE | =035/1.11 |
| φ+ | ITEM 036 SLIDE | =036/1.3 |
| φ- | ITEM 036 SLIDE | =036/1.3 |
| φ5 | SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =036/1.5 |
| φ6 | SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =036/1.8 |
| φ7 | SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =036/1.11 |
| φ8 | SPARE | =036/1.11 |
| φ+ | ITEM 045 VALVE BOX | =045/1.3 |
| φ- | ITEM 045 VALVE BOX | =045/1.3 |
| φ9 | VALVE BOX - AO 2-2 VALVE IN POSITION 103 (1 = 103) | =045/1.5 |
| φ10 | VALVE BOX - AO 2-2 VALVE IN POSITION 105 (1 = 105) | =045/1.8 |
| φ11 | VALVE BOX - AO 2-2 VALVE TO 103 (1 = TO 103) | =045/1.11 |
| φ12 | VALVE BOX - AO 2-2 VALVE TO 105 (1 = TO 105) | =045/1.13 |
| φ+ | ITEM 046 VALVE BOX | =046/1.3 |
| φ- | ITEM 046 VALVE BOX | =046/1.3 |
| φ13 | VALVE BOX - AO 2-2 VALVE IN POSITION 104 (1 = 104) | =046/1.5 |
| φ14 | VALVE BOX - AO 2-2 VALVE IN POSITION 106 (1 = 106) | =046/1.8 |
| φ15 | VALVE BOX - AO 2-2 VALVE TO 104 (1 = TO 104) | =046/1.11 |
| φ16 | VALVE BOX - AO 2-2 VALVE TO 106 (1 = TO 106) | =046/1.13 |
| φ+ | ITEM 055 SLIDE | =055/1.3 |
| φ- | ITEM 055 SLIDE | =055/1.3 |
| φ17 | SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =055/1.5 |
| φ18 | SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =055/1.8 |
| φ19 | SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =055/1.11 |
| φ20 | SPARE | =055/1.11 |
| φ+ | ITEM 056 SLIDE | =056/1.3 |
| φ- | ITEM 056 SLIDE | =056/1.3 |



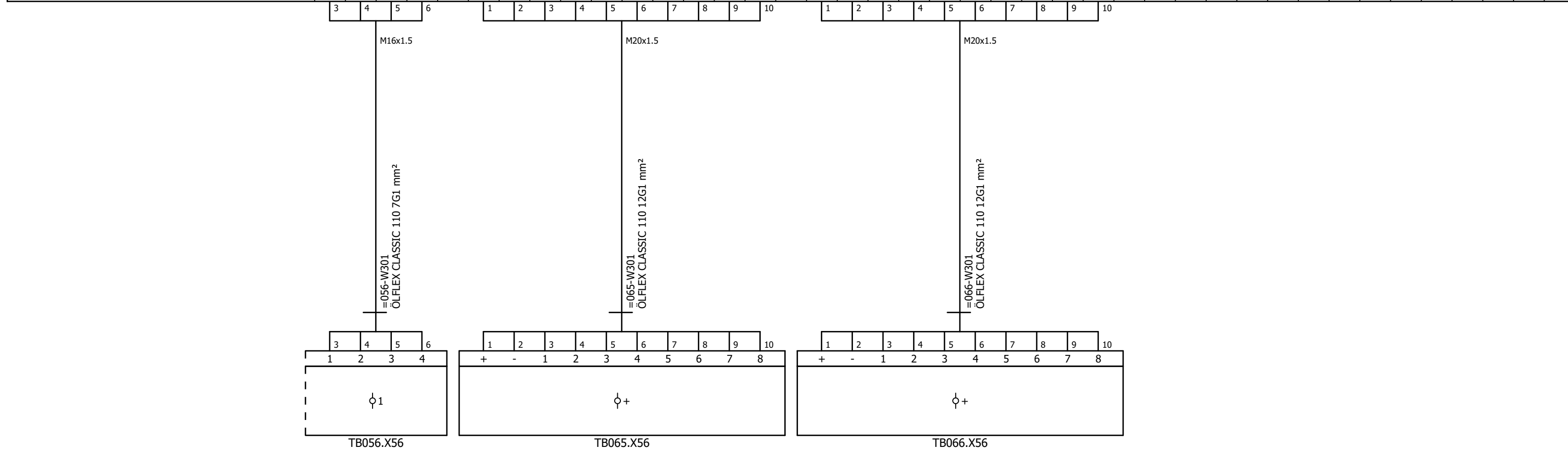
v. AARSEN INT. B.V.
PANHEEL
THE NETHERLANDS

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| PROJECT DESCRIPTION | AGROECO ECOMIX - RUSSIA FEEDMILL 40 T/H CCP3 |
| PAGE DESCRIPTION | TERMINAL STRIP JB305.X56 |

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| DRAUGHTSMAN | JRo | HIGHER-LEVEL FUNCTION | = TERMINAL |
| CREATOR | SDi | HIGHER-LEVEL DESCRIPTION | TERMINAL |
| DATE | 22.09.2020 | ITEM | TERMINAL |
| CHANGED | 26.10.2020 | FIELD | |

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| DRAWING NUMBER | 20108 v0.3 CCP3 |
| DRAWING NUMBER VAN AARSEN | |
| PROJECT NUMBER SPIE-VDM | 05601.20.1127 |
| PAGE | 51 /262 |

| TERMINAL STRIP | FUNCTION TEXT | PAGE/COLUMN |
|----------------|--|-------------|
| JB305.X56 | SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =056/1.5 |
| | SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =056/1.8 |
| | SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =056/1.11 |
| | SPARE | =056/1.11 |
| | ITEM 065 VALVE BOX 3-WAY | =065/1.3 |
| | ITEM 065 VALVE BOX 3-WAY | =065/1.3 |
| | VALVE BOX - AO 4-4 3-WAY VALVE LEFT VALVE BOX IN POSITION 101 (1 = 101) | =065/1.5 |
| | VALVE BOX - AO 4-4 3-WAY VALVE LEFT VALVE BOX IN POSITION 103 (1 = 103) | =065/1.8 |
| | VALVE BOX - AO 4-4 3-WAY VALVE RIGHT VALVE BOX IN POSITION 103 (1 = 103) | =065/1.11 |
| | VALVE BOX - AO 4-4 3-WAY VALVE RIGHT VALVE IN POSITION 105 (1 = 105) | =065/1.14 |
| | VALVE BOX - AO 4-4 3-WAY VALVE LEFT VALVE BOX TO 101 (1 = TO 101) | =065/2.3 |
| | VALVE BOX - AO 4-4 3-WAY VALVE LEFT VALVE BOX TO 103 (1 = TO 103) | =065/2.5 |
| | VALVE BOX - AO 4-4 3-WAY VALVE RIGHT VALVE TO 103 (1 = TO 103) | =065/2.7 |
| | VALVE BOX - AO 4-4 3-WAY VALVE RIGHT VALVE BOX TO 105 (1 = TO 105) | =065/2.9 |
| | ITEM 066 VALVE BOX 3-WAY | =066/1.3 |
| | ITEM 066 VALVE BOX 3-WAY | =066/1.3 |
| | VALVE BOX - AO 4-4 3-WAY VALVE LEFT VALVE BOX IN POSITION 102 (1 = 102) | =066/1.5 |
| | VALVE BOX - AO 4-4 3-WAY VALVE LEFT VALVE BOX IN POSITION 104 (1 = 104) | =066/1.8 |
| | VALVE BOX - AO 4-4 3-WAY VALVE RIGHT VALVE BOX IN POSITION 104 (1 = 104) | =066/1.11 |
| | VALVE BOX - AO 4-4 3-WAY VALVE RIGHT VALVE IN POSITION 106 (1 = 106) | =066/1.14 |
| | VALVE BOX - AO 4-4 3-WAY VALVE LEFT VALVE BOX TO 102 (1 = TO 102) | =066/2.3 |
| | VALVE BOX - AO 4-4 3-WAY VALVE LEFT VALVE BOX TO 104 (1 = TO 104) | =066/2.5 |
| | VALVE BOX - AO 4-4 3-WAY VALVE RIGHT VALVE TO 104 (1 = TO 104) | =066/2.7 |
| | VALVE BOX - AO 4-4 3-WAY VALVE RIGHT VALVE BOX TO 106 (1 = TO 106) | =066/2.9 |
| | SPARE | =066/2.9 |



v. AARSEN INT. B.V.
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PROJECT DESCRIPTION: AGROECO ECOMIX - RUSSIA
FEEDMILL 40 T/H CCP3
PAGE DESCRIPTION: TERMINAL STRIP JB305.X56

DRAUGHTSMAN: JRo
CREATOR: SDi
DATE: 22.09.2020
CHANGED: 26.10.2020

HIGHER-LEVEL FUNCTION: = TERMINAL
HIGHER-LEVEL DESCRIPTION: TERMINAL
ITEM: TERMINAL
FIELD:

DRAWING NUMBER: 20108 v0.3 CCP3
DRAWING NUMBER: VAN AARSEN
PROJECT NUMBER SPIE-VDM: 05601.20.1127
PAGE: 51.A /262

| TERMINAL STRIP | FUNCTION TEXT | PAGE/COLUMN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| JB306.X4 | | =0_3RIO/4.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | CONTROL CURRENT 24VDC JB306 | =0_3RIO/4.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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v. AARSEN INT. B.V.
PANHEEL
THE NETHERLANDS

PROJECT DESCRIPTION **AGROECO ECOMIX - RUSSIA
FEEDMILL 40 T/H CCP3**

PAGE DESCRIPTION **TERMINAL STRIP JB306.X4**

DRAUGHTSMAN **JRo**

CREATOR **SDi**

DATE **22.09.2020**

CHANGED **26.10.2020**

HIGHER-LEVEL FUNCTION **= TERMINAL**

HIGHER-LEVEL DESCRIPTION **TERMINAL**

ITEM **TERMINAL**

FIELD

DRAWING NUMBER **20108 v0.3 CCP3**

DRAWING NUMBER VAN AARSEN

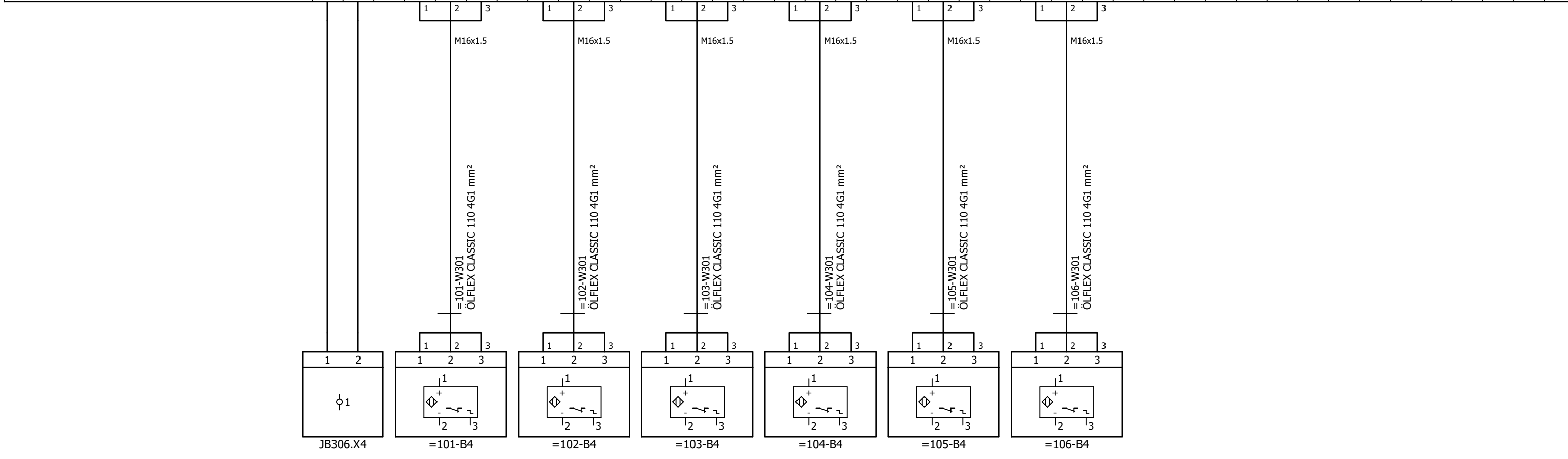
PROJECT NUMBER **05601.20.1127**

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TERMINAL STRIP

JB306.X56

| FUNCTION TEXT | PAGE/COLUMN |
|---|-------------|
| CONTROL CURRENT 24VDC JB306 | =0_3RIO/4.7 |
| CONTROL CURRENT 24VDC JB306 | =0_3RIO/4.7 |
| CONTROL CURRENT 24VDC JB306 | =0_3RIO/4.8 |
| ITEM 101 LEVEL INDICATOR | =101/1.3 |
| ITEM 101 LEVEL INDICATOR | =101/1.3 |
| LEVEL INDICATOR - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =101/1.5 |
| ITEM 102 LEVEL INDICATOR | =102/1.3 |
| ITEM 102 LEVEL INDICATOR | =102/1.3 |
| LEVEL INDICATOR - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =102/1.5 |
| ITEM 103 LEVEL INDICATOR | =103/1.3 |
| ITEM 103 LEVEL INDICATOR | =103/1.3 |
| LEVEL INDICATOR - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =103/1.5 |
| ITEM 104 LEVEL INDICATOR | =104/1.3 |
| ITEM 104 LEVEL INDICATOR | =104/1.3 |
| LEVEL INDICATOR - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =104/1.5 |
| ITEM 105 LEVEL INDICATOR | =105/1.3 |
| ITEM 105 LEVEL INDICATOR | =105/1.3 |
| LEVEL INDICATOR - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =105/1.5 |
| ITEM 106 LEVEL INDICATOR | =106/1.3 |
| ITEM 106 LEVEL INDICATOR | =106/1.3 |
| LEVEL INDICATOR - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =106/1.5 |
| SPARE | =106/1.5 |
| SPARE | =106/1.6 |
| SPARE | =106/1.6 |
| SPARE | =106/1.7 |
| SPARE | =106/1.7 |



PROJECT DESCRIPTION AGROECO ECOMIX - RUSSIA
FEEDMILL 40 T/H CCP3
PAGE DESCRIPTION TERMINAL STRIP JB306.X56

DRAUGHTSMAN JRo
CREATOR SDi
DATE 22.09.2020
CHANGED 26.10.2020

HIGHER-LEVEL FUNCTION = TERMINAL
HIGHER-LEVEL DESCRIPTION TERMINAL
ITEM TERMINAL
FIELD

DRAWING NUMBER 20108 v0.3 CCP3
DRAWING NUMBER VAN AARSEN
PROJECT NUMBER SPIE-VDM 05601.20.1127
PAGE 53 /262

TERMINAL STRIP

JB307.X4

PAGE/COLUMN

=0_3RIO/9.3

=0_3RIO/9.3

=0_3RIO/9.4

FUNCTION TEXT

CONTROL CURRENT 24VDC JB307

CONTROL CURRENT 24VDC JB307

CONTROL CURRENT 24VDC JB307

TERMINAL NUMBER

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φ PE

1 2 GNYE

M16x1.5

=0_3RIO-W309
Ø FLEX CLASSIC 110 3G2.5 mm²

1 2 GNYE

7 8 PE

φ7

RIO302.X4



v. AARSEN INT. B.V.
PANHEEL
THE NETHERLANDS

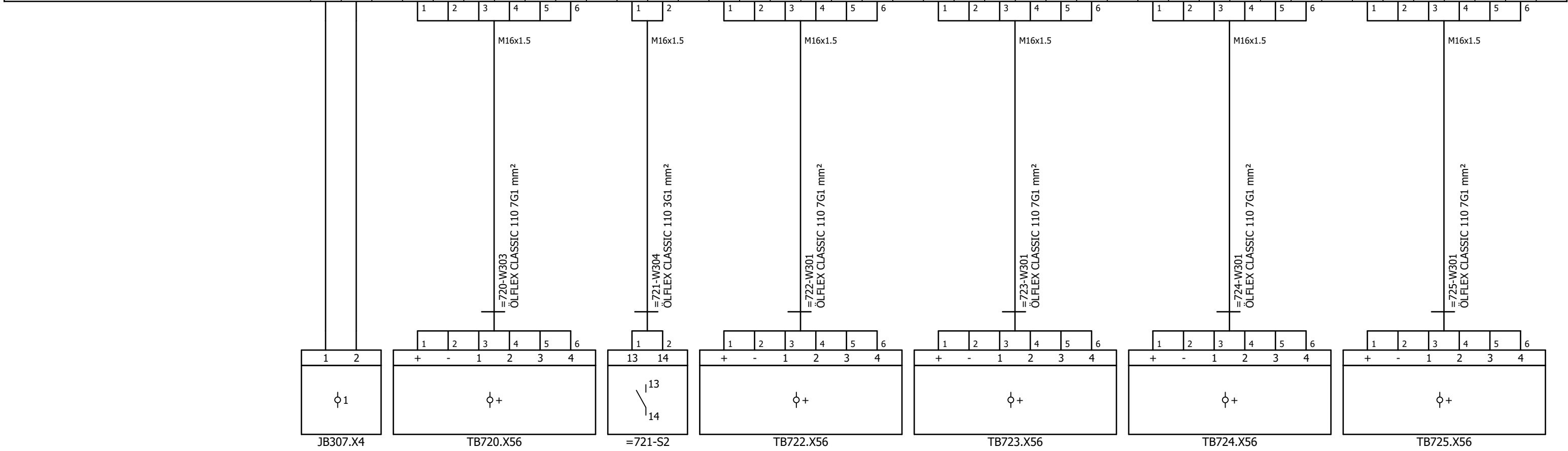
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FEEDMILL 40 T/H CCP3
PAGE DESCRIPTION TERMINAL STRIP JB307.X4

DRAUGHTSMAN JRo
CREATOR SDi
DATE 22.09.2020
CHANGED 26.10.2020

HIGHER-LEVEL FUNCTION = TERMINAL
HIGHER-LEVEL DESCRIPTION TERMINAL
ITEM TERMINAL
FIELD

DRAWING NUMBER 20108 v0.3 CCP3
DRAWING NUMBER VAN AARSEN
PROJECT NUMBER S PIE-VDM 05601.20.1127
PAGE 54 /262

| TERMINAL STRIP | FUNCTION TEXT | PAGE/COLUMN |
|----------------|---|-------------|
| JB307.X56 | | |
| | CONTROL CURRENT 24VDC JB307 | =0_3RIO/9.3 |
| | CONTROL CURRENT 24VDC JB307 | =0_3RIO/9.3 |
| | CONTROL CURRENT 24VDC JB307 | =0_3RIO/9.4 |
| | ITEM 720 CHAIN CONVEYOR | =720/3.3 |
| | ITEM 720 CHAIN CONVEYOR | =720/3.3 |
| | CHAIN CONVEYOR MOTOR WORK SWITCH (0 = FAULT) | =720/3.5 |
| | CHAIN CONVEYOR OVERFLOW OK (0 = FAULT) | =720/3.8 |
| | CHAIN CONVEYOR SPEED MONITOR PULSE (1 = PULS) | =720/3.11 |
| | SPARE | =720/3.12 |
| | | |
| | FAN WITH FILTER - BASIC FAN WORK SWITCH (0 = FAULT) | =721/3.3 |
| | FAN WITH FILTER - BASIC FAN WORK SWITCH (0 = FAULT) | =721/3.3 |
| | | |
| | ITEM 722 SLIDE | =722/1.3 |
| | ITEM 722 SLIDE | =722/1.3 |
| | SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =722/1.5 |
| | SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =722/1.8 |
| | SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =722/1.11 |
| | SPARE | =722/1.11 |
| | | |
| | ITEM 723 SLIDE | =723/1.3 |
| | ITEM 723 SLIDE | =723/1.3 |
| | SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =723/1.5 |
| | SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =723/1.8 |
| | SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =723/1.11 |
| | SPARE | =723/1.11 |
| | | |
| | ITEM 724 SLIDE | =724/1.3 |
| | ITEM 724 SLIDE | =724/1.3 |
| | SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =724/1.5 |
| | SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =724/1.8 |
| | SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =724/1.11 |
| | SPARE | =724/1.11 |
| | | |
| | ITEM 725 SLIDE | =725/1.3 |
| | ITEM 725 SLIDE | =725/1.3 |
| | SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =725/1.5 |
| | SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =725/1.8 |
| | SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =725/1.11 |
| | SPARE | =725/1.11 |



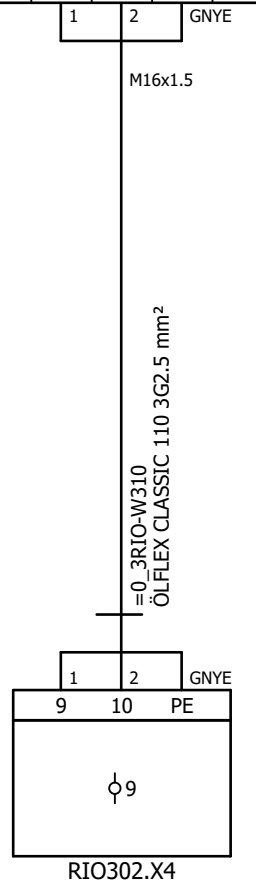
v. AARSEN INT. B.V.
 PANHEEL
 THE NETHERLANDS

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| PROJECT DESCRIPTION | AGROECO ECOMIX - RUSSIA FEEDMILL 40 T/H CCP3 |
| PAGE DESCRIPTION | TERMINAL STRIP JB307.X56 |

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| DRAUGHTSMAN | JRo | HIGHER-LEVEL FUNCTION | = TERMINAL |
| CREATOR | SDi | HIGHER-LEVEL DESCRIPTION | TERMINAL |
| DATE | 22.09.2020 | ITEM | TERMINAL |
| CHANGED | 26.10.2020 | FIELD | |

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|---------------------------|-----------------|
| DRAWING NUMBER | 20108 v0.3 CCP3 |
| DRAWING NUMBER VAN AARSEN | |
| PROJECT NUMBER SPIE-VDM | 05601.20.1127 |
| PAGE | 55 /262 |

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| JB308.X4 | | PAGE/COLUMN | =0_3RIO/9.7 | =0_3RIO/9.7 | =0_3RIO/9.8 | | | | | | | | | | | | | | | | | | | | | |
| | | FUNCTION TEXT | CONTROL CURRENT 24VDC JB308 | CONTROL CURRENT 24VDC JB308 | CONTROL CURRENT 24VDC JB308 | | | | | | | | | | | | | | | | | | | | | |
| TERMINAL NUMBER | | ϕ1 | ϕ2 | ϕ PE | | | | | | | | | | | | | | | | | | | | | | |



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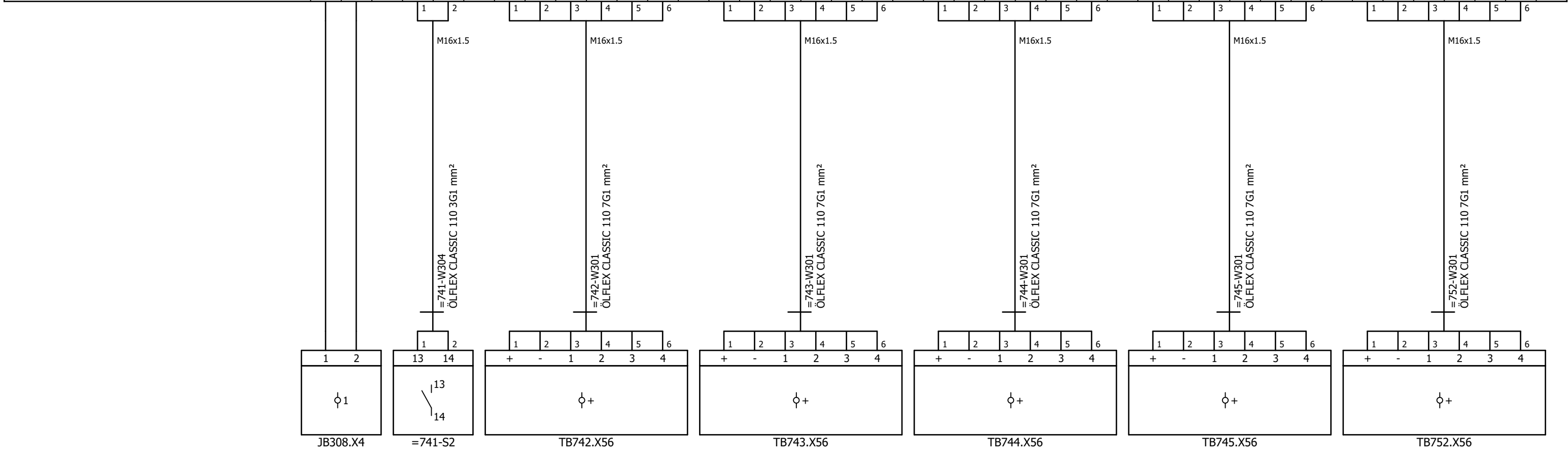
57

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|  <p>v. AARSEN INT. B.V. PANHEEL THE NETHERLANDS</p> | PROJECT DESCRIPTION AGROECO ECOMIX - RUSSIA FEEDMILL 40 T/H CCP3 | DRAUGHTSMAN JRo | HIGHER-LEVEL FUNCTION = TERMINAL | DRAWING NUMBER 20108 v0.3 CCP3 |
| | PAGE DESCRIPTION TERMINAL STRIP JB308.X4 | CREATOR SDi | HIGHER-LEVEL DESCRIPTION TERMINAL | DRAWING NUMBER VAN AARSEN |
| | | DATE 22.09.2020 | ITEM TERMINAL | PROJECT NUMBER SPIE-VDM 05601.20.1127 |
| | | CHANGED 26.10.2020 | FIELD | PAGE 56 /262 |

TERMINAL STRIP

JB308.X56

| FUNCTION TEXT | PAGE/COLUMN |
|---|-------------|
| CONTROL CURRENT 24VDC JB308 | =0_3RIO/9.7 |
| CONTROL CURRENT 24VDC JB308 | =0_3RIO/9.7 |
| CONTROL CURRENT 24VDC JB308 | =0_3RIO/9.8 |
| FAN WITH FILTER - BASIC FAN WORK SWITCH (0 = FAULT) | =741/3.3 |
| FAN WITH FILTER - BASIC FAN WORK SWITCH (0 = FAULT) | =741/3.3 |
| ITEM 742 SLIDE | =742/1.3 |
| ITEM 742 SLIDE | =742/1.3 |
| SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =742/1.5 |
| SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =742/1.8 |
| SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =742/1.11 |
| SPARE | =742/1.11 |
| ITEM 743 SLIDE | =743/1.3 |
| ITEM 743 SLIDE | =743/1.3 |
| SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =743/1.5 |
| SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =743/1.8 |
| SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =743/1.11 |
| SPARE | =743/1.11 |
| ITEM 744 SLIDE | =744/1.3 |
| ITEM 744 SLIDE | =744/1.3 |
| SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =744/1.5 |
| SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =744/1.8 |
| SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =744/1.11 |
| SPARE | =744/1.11 |
| ITEM 745 SLIDE | =745/1.3 |
| ITEM 745 SLIDE | =745/1.3 |
| SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =745/1.5 |
| SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =745/1.8 |
| SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =745/1.11 |
| SPARE | =745/1.11 |
| ITEM 752 VALVE BOX | =752/1.3 |
| ITEM 752 VALVE BOX | =752/1.3 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 815 (1 = 815) | =752/1.5 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 816 (1 = 816) | =752/1.8 |
| VALVE BOX - AO 2-2 VALVE TO 815 (1 = TO 815) | =752/1.11 |
| VALVE BOX - AO 2-2 VALVE TO 816 (1 = TO 816) | =752/1.13 |



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| PROJECT DESCRIPTION | AGROECO ECOMIX - RUSSIA FEEDMILL 40 T/H CCP3 |
| PAGE DESCRIPTION | TERMINAL STRIP JB308.X56 |

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| DRAUGHTSMAN | JRo | HIGHER-LEVEL FUNCTION | = TERMINAL |
| CREATOR | SDi | HIGHER-LEVEL DESCRIPTION | TERMINAL |
| DATE | 22.09.2020 | ITEM | TERMINAL |
| CHANGED | 26.10.2020 | FIELD | |

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| DRAWING NUMBER | 20108 v0.3 CCP3 |
| DRAWING NUMBER VAN AARSEN | |
| PROJECT NUMBER SPIE-VDM | 05601.20.1127 |
| PAGE | 57 /262 |

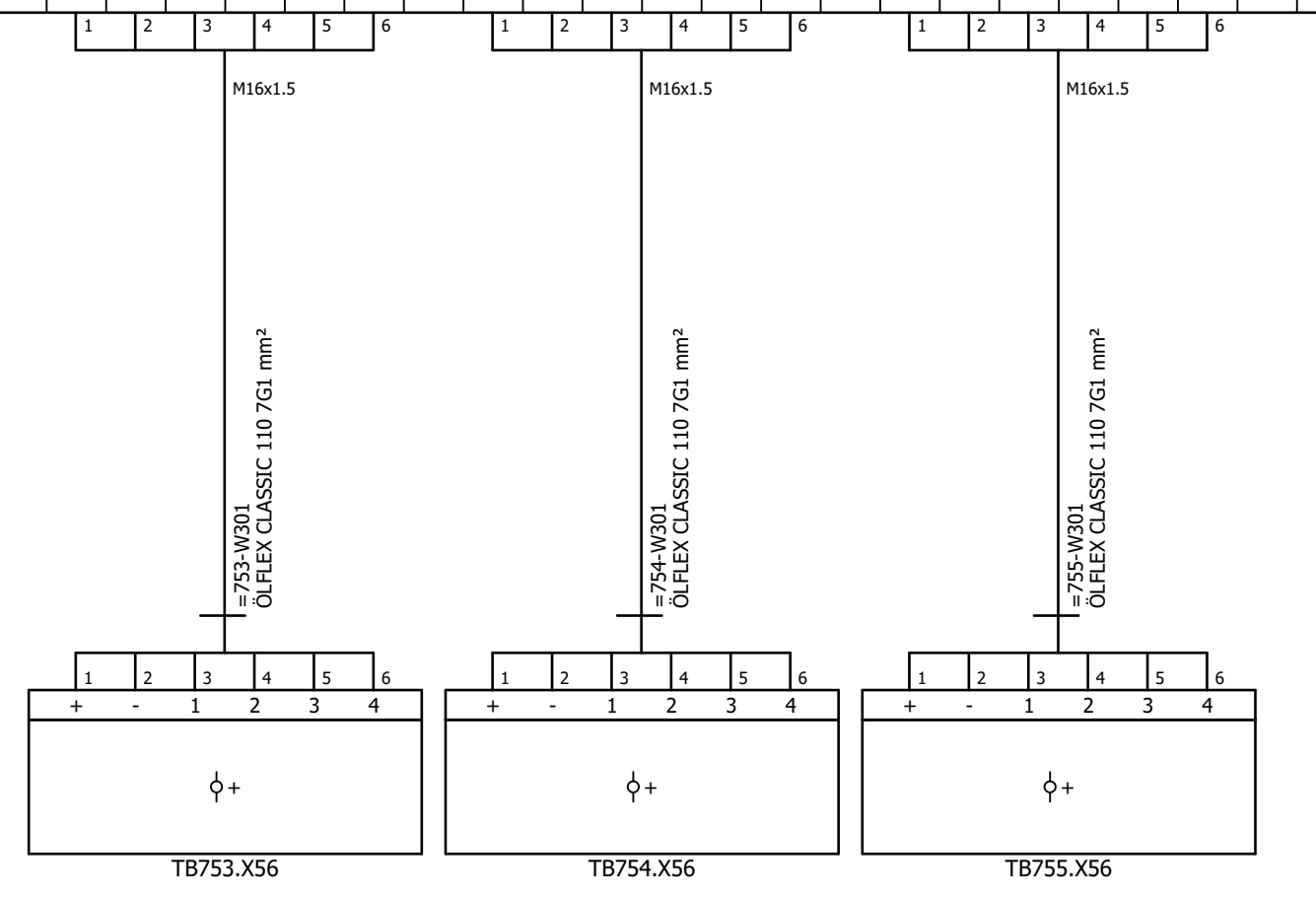
TERMINAL STRIP

JB308.X56

| FUNCTION TEXT | PAGE/COLUMN |
|--|-------------|
| ITEM 753 VALVE BOX | =753/1.3 |
| ITEM 753 VALVE BOX | =753/1.3 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 817 (1 = 817) | =753/1.5 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 818 (1 = 818) | =753/1.8 |
| VALVE BOX - AO 2-2 VALVE TO 817 (1 = TO 817) | =753/1.11 |
| VALVE BOX - AO 2-2 VALVE TO 818 (1 = TO 818) | =753/1.13 |
| ITEM 754 VALVE BOX | =754/1.3 |
| ITEM 754 VALVE BOX | =754/1.3 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 819 (1 = 819) | =754/1.5 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 820 (1 = 820) | =754/1.8 |
| VALVE BOX - AO 2-2 VALVE TO 819 (1 = TO 819) | =754/1.11 |
| VALVE BOX - AO 2-2 VALVE TO 820 (1 = TO 820) | =754/1.13 |
| ITEM 755 VALVE BOX | =755/1.3 |
| ITEM 755 VALVE BOX | =755/1.3 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 821 (1 = 821) | =755/1.5 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 822 (1 = 822) | =755/1.8 |
| VALVE BOX - AO 2-2 VALVE TO 821 (1 = TO 821) | =755/1.11 |
| VALVE BOX - AO 2-2 VALVE TO 822 (1 = TO 822) | =755/1.13 |
| SPARE | =755/1.13 |

TERMINAL NUMBER

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|----|----|-----|-----|-----|-----|----|----|-----|-----|-----|-----|----|----|-----|-----|-----|-----|-----|
| ⊕+ | ⊖- | ⊕22 | ⊖23 | ⊕24 | ⊖25 | ⊕+ | ⊖- | ⊖26 | ⊖27 | ⊖28 | ⊖29 | ⊕+ | ⊖- | ⊖30 | ⊖31 | ⊖32 | ⊖33 | ⊖34 |
|----|----|-----|-----|-----|-----|----|----|-----|-----|-----|-----|----|----|-----|-----|-----|-----|-----|



TB753.X56

TB754.X56

TB755.X56



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 PANHEEL
 THE NETHERLANDS

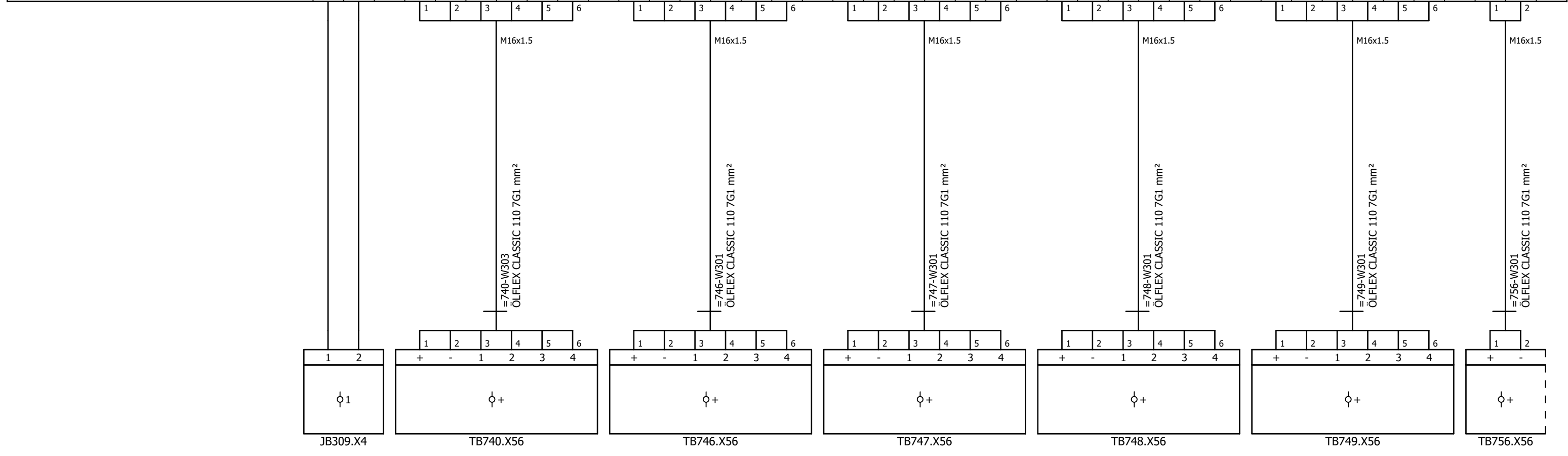
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| PAGE DESCRIPTION | TERMINAL STRIP JB308.X56 |

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| DRAUGHTSMAN | JRo |
| CREATOR | SDi |
| DATE | 22.09.2020 |
| CHANGED | 26.10.2020 |

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| HIGHER-LEVEL FUNCTION | = TERMINAL |
| HIGHER-LEVEL DESCRIPTION | TERMINAL |
| ITEM | TERMINAL |
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| DRAWING NUMBER | 20108 v0.3 CCP3 |
| DRAWING NUMBER VAN AARSEN | |
| PROJECT NUMBER SPIE-VDM | 05601.20.1127 |
| PAGE | 57.A /262 |

| TERMINAL STRIP | | PAGE/COLUMN |
|---|--------------|-------------|
| JB309.X56 | | |
| FUNCTION TEXT | | |
| CONTROL CURRENT 24VDC JB309 | =0_3RIO/9.11 | |
| CONTROL CURRENT 24VDC JB309 | =0_3RIO/9.11 | |
| CONTROL CURRENT 24VDC JB309 | =0_3RIO/9.12 | |
| ITEM 740 CHAIN CONVEYOR | =740/3.3 | |
| ITEM 740 CHAIN CONVEYOR | =740/3.3 | |
| CHAIN CONVEYOR MOTOR WORK SWITCH (0 = FAULT) | =740/3.5 | |
| CHAIN CONVEYOR OVERFLOW OK (0 = FAULT) | =740/3.8 | |
| CHAIN CONVEYOR SPEED MONITOR PULSE (1 = PULS) | =740/3.11 | |
| SPARE | =740/3.12 | |
| ITEM 746 SLIDE | =746/1.3 | |
| ITEM 746 SLIDE | =746/1.3 | |
| SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =746/1.5 | |
| SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =746/1.8 | |
| SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =746/1.11 | |
| SPARE | =746/1.11 | |
| ITEM 747 SLIDE | =747/1.3 | |
| ITEM 747 SLIDE | =747/1.3 | |
| SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =747/1.5 | |
| SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =747/1.8 | |
| SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =747/1.11 | |
| SPARE | =747/1.11 | |
| ITEM 748 SLIDE | =748/1.3 | |
| ITEM 748 SLIDE | =748/1.3 | |
| SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =748/1.5 | |
| SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =748/1.8 | |
| SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =748/1.11 | |
| SPARE | =748/1.11 | |
| ITEM 749 SLIDE | =749/1.3 | |
| ITEM 749 SLIDE | =749/1.3 | |
| SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =749/1.5 | |
| SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =749/1.8 | |
| SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =749/1.11 | |
| SPARE | =749/1.11 | |
| ITEM 756 VALVE BOX | =756/1.3 | |
| ITEM 756 VALVE BOX | =756/1.3 | |



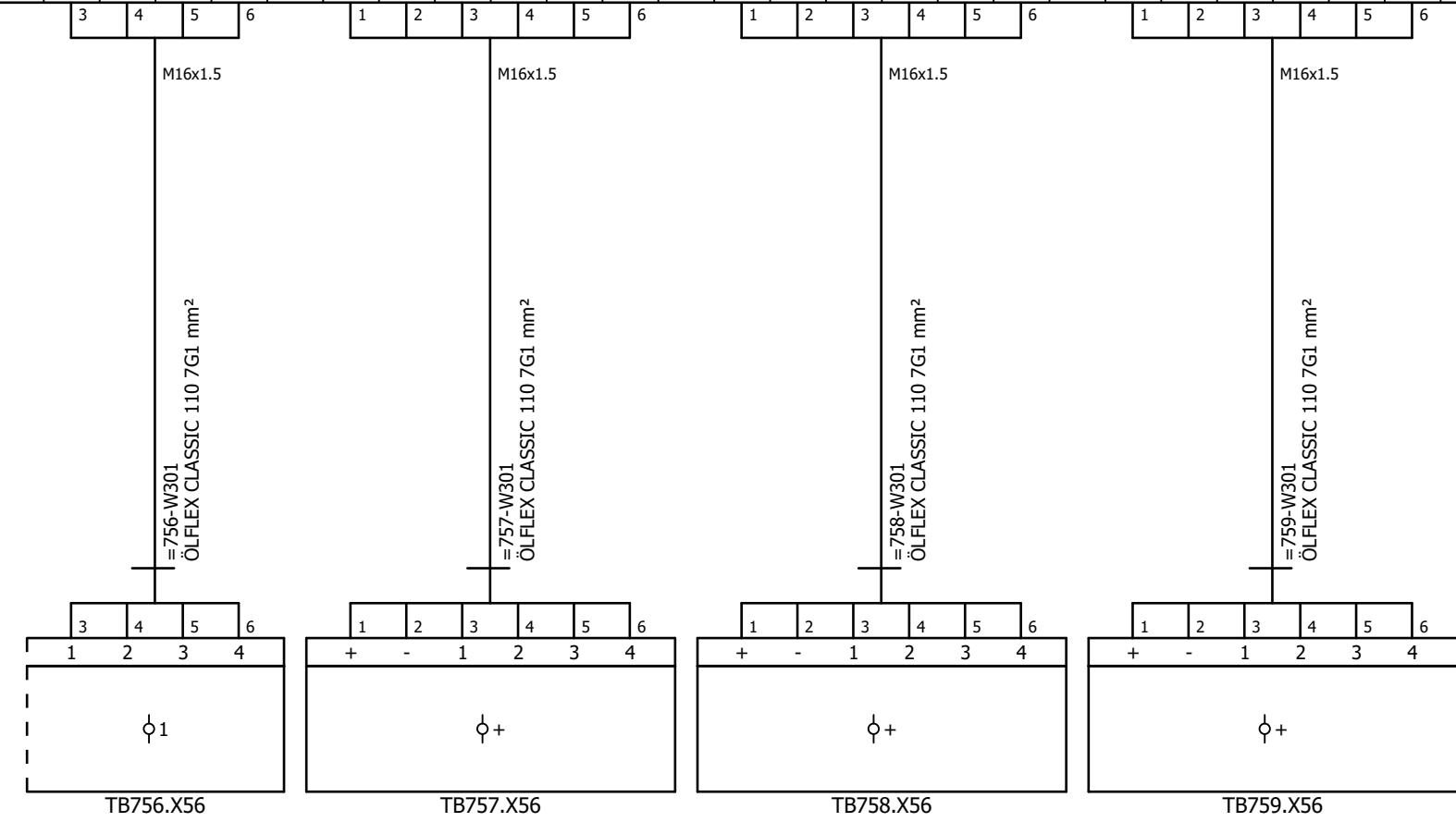
v. AARSEN INT. B.V.
 PANHEEL
 THE NETHERLANDS

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| PAGE DESCRIPTION | TERMINAL STRIP JB309.X56 |

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| CREATOR | SDi | HIGHER-LEVEL DESCRIPTION | TERMINAL |
| DATE | 22.09.2020 | ITEM | TERMINAL |
| CHANGED | 26.10.2020 | FIELD | |

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| DRAWING NUMBER | 20108 v0.3 CCP3 |
| DRAWING NUMBER VAN AARSEN | |
| PROJECT NUMBER SPIE-VDM | 05601.20.1127 |
| PAGE | 59 /262 |

| TERMINAL STRIP | | PAGE/COLUMN |
|-----------------|--|-------------|
| JB309.X56 | | |
| TERMINAL NUMBER | FUNCTION TEXT | |
| ⌀21 | VALVE BOX - AO 2-2 VALVE IN POSITION 823 (1 = 823) | =756/1.5 |
| ⌀22 | VALVE BOX - AO 2-2 VALVE IN POSITION 824 (1 = 824) | =756/1.8 |
| ⌀23 | VALVE BOX - AO 2-2 VALVE TO 823 (1 = TO 823) | =756/1.11 |
| ⌀24 | VALVE BOX - AO 2-2 VALVE TO 824 (1 = TO 824) | =756/1.13 |
| ⌀+ | ITEM 757 VALVE BOX | =757/1.3 |
| ⌀- | ITEM 757 VALVE BOX | =757/1.3 |
| ⌀25 | VALVE BOX - AO 2-2 VALVE IN POSITION 825 (1 = 825) | =757/1.5 |
| ⌀26 | VALVE BOX - AO 2-2 VALVE IN POSITION 826 (1 = 826) | =757/1.8 |
| ⌀27 | VALVE BOX - AO 2-2 VALVE TO 825 (1 = TO 825) | =757/1.11 |
| ⌀28 | VALVE BOX - AO 2-2 VALVE TO 826 (1 = TO 826) | =757/1.13 |
| ⌀+ | ITEM 758 VALVE BOX | =758/1.3 |
| ⌀- | ITEM 758 VALVE BOX | =758/1.3 |
| ⌀29 | VALVE BOX - AO 2-2 VALVE IN POSITION 827 (1 = 827) | =758/1.5 |
| ⌀30 | VALVE BOX - AO 2-2 VALVE IN POSITION 828 (1 = 828) | =758/1.8 |
| ⌀31 | VALVE BOX - AO 2-2 VALVE TO 827 (1 = TO 827) | =758/1.11 |
| ⌀32 | VALVE BOX - AO 2-2 VALVE TO 828 (1 = TO 828) | =758/1.13 |
| ⌀+ | ITEM 759 VALVE BOX | =759/1.3 |
| ⌀- | ITEM 759 VALVE BOX | =759/1.3 |
| ⌀33 | VALVE BOX - AO 2-2 VALVE IN POSITION 829 (1 = 829) | =759/1.5 |
| ⌀34 | VALVE BOX - AO 2-2 VALVE IN POSITION 830 (1 = 830) | =759/1.8 |
| ⌀35 | VALVE BOX - AO 2-2 VALVE TO 829 (1 = TO 829) | =759/1.11 |
| ⌀36 | VALVE BOX - AO 2-2 VALVE TO 830 (1 = TO 830) | =759/1.13 |
| ⌀37 | SPARE | =759/1.13 |
| ⌀38 | SPARE | =759/1.14 |
| ⌀39 | SPARE | =759/1.14 |
| ⌀40 | SPARE | =759/1.15 |
| ⌀41 | SPARE | =759/1.16 |



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 THE NETHERLANDS

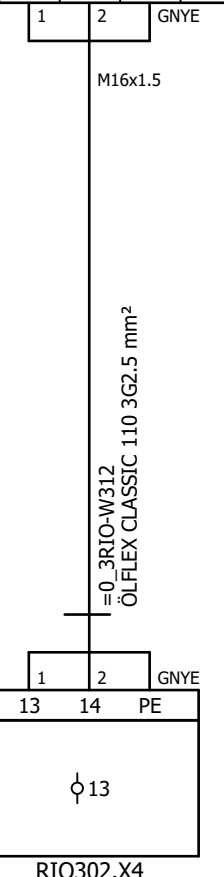
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 FEEDMILL 40 T/H CCP3
 PAGE DESCRIPTION TERMINAL STRIP JB309.X56

DRAUGHTSMAN JRo
 CREATOR SDi
 DATE 22.09.2020
 CHANGED 26.10.2020

HIGHER-LEVEL FUNCTION = TERMINAL
 HIGHER-LEVEL DESCRIPTION TERMINAL
 ITEM TERMINAL
 FIELD

DRAWING NUMBER 20108 v0.3 CCP3
 DRAWING NUMBER VAN AARSEN
 PROJECT NUMBER SPIE-VDM 05601.20.1127
 PAGE 59.A /262

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| TERMINAL STRIP | PAGE/COLUMN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JB310.X4 | | =0_3RIO/9.15 | =0_3RIO/9.15 | =0_3RIO/9.16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FUNCTION TEXT | CONTROL CURRENT 24VDC JB310 | CONTROL CURRENT 24VDC JB310 | CONTROL CURRENT 24VDC JB310 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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v. AARSEN INT. B.V.
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 THE NETHERLANDS

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| PAGE DESCRIPTION | TERMINAL STRIP JB310.X4 |

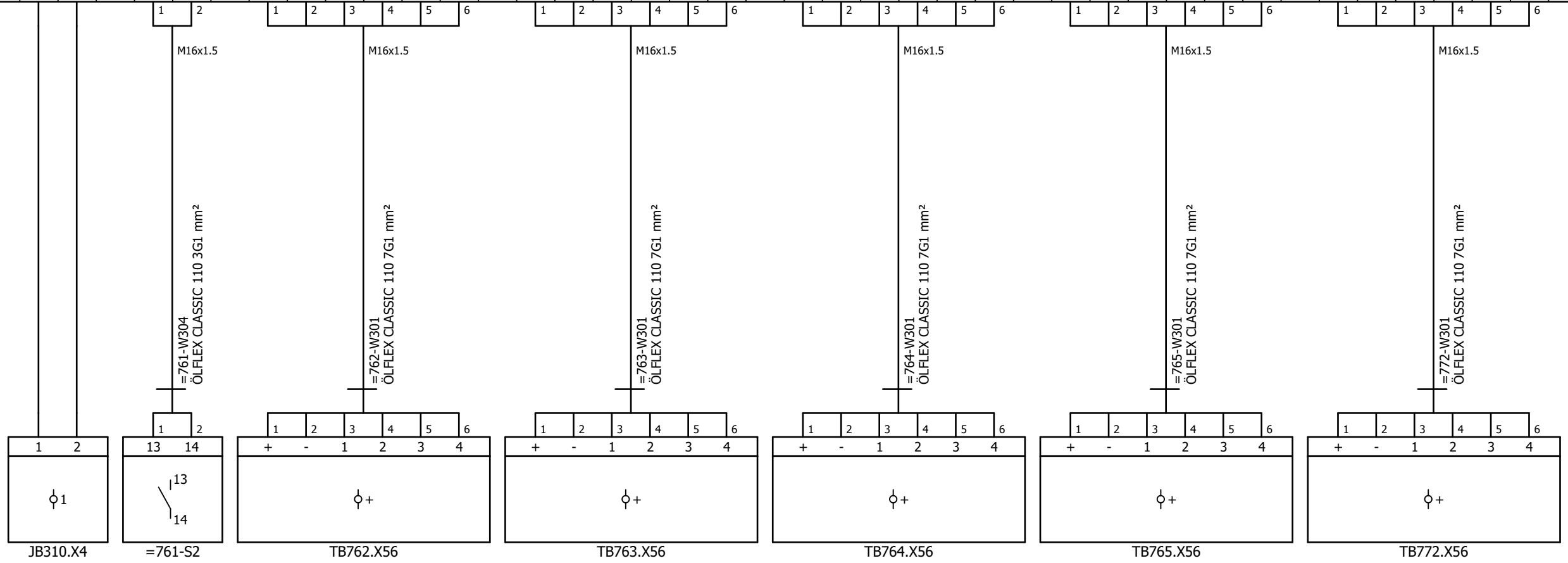
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|-------------|------------|--------------------------|-----------|
| DRAUGHTSMAN | JRo | HIGHER-LEVEL FUNCTION | =TERMINAL |
| CREATOR | SDi | HIGHER-LEVEL DESCRIPTION | TERMINAL |
| DATE | 22.09.2020 | ITEM | TERMINAL |
| CHANGED | 26.10.2020 | FIELD | |

| | |
|---------------------------|-----------------|
| DRAWING NUMBER | 20108 v0.3 CCP3 |
| DRAWING NUMBER VAN AARSEN | |
| PROJECT NUMBER SPIE-VDM | 05601.20.1127 |
| PAGE | 60 /262 |

TERMINAL STRIP

JB310.X56

| TERMINAL NUMBER | FUNCTION TEXT | PAGE/COLUMN |
|-----------------|---|--------------|
| φ+ | CONTROL CURRENT 24VDC JB310 | =0_3RIO/9.15 |
| φ- | CONTROL CURRENT 24VDC JB310 | =0_3RIO/9.15 |
| φ0 | CONTROL CURRENT 24VDC JB310 | =0_3RIO/9.16 |
| φ+ | FAN WITH FILTER - BASIC FAN WORK SWITCH (0 = FAULT) | =761/3.3 |
| φ1 | FAN WITH FILTER - BASIC FAN WORK SWITCH (0 = FAULT) | =761/3.3 |
| φ+ | ITEM 762 SLIDE | =762/1.3 |
| φ- | ITEM 762 SLIDE | =762/1.3 |
| φ2 | SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =762/1.5 |
| φ3 | SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =762/1.8 |
| φ4 | SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =762/1.11 |
| φ5 | SPARE | =762/1.11 |
| φ+ | ITEM 763 SLIDE | =763/1.3 |
| φ- | ITEM 763 SLIDE | =763/1.3 |
| φ6 | SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =763/1.5 |
| φ7 | SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =763/1.8 |
| φ8 | SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =763/1.11 |
| φ9 | SPARE | =763/1.11 |
| φ+ | ITEM 764 SLIDE | =764/1.3 |
| φ- | ITEM 764 SLIDE | =764/1.3 |
| φ10 | SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =764/1.5 |
| φ11 | SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =764/1.8 |
| φ12 | SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =764/1.11 |
| φ13 | SPARE | =764/1.11 |
| φ+ | ITEM 765 SLIDE | =765/1.3 |
| φ- | ITEM 765 SLIDE | =765/1.3 |
| φ14 | SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =765/1.5 |
| φ15 | SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =765/1.8 |
| φ16 | SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =765/1.11 |
| φ17 | SPARE | =765/1.11 |
| φ+ | ITEM 772 VALVE BOX | =772/1.3 |
| φ- | ITEM 772 VALVE BOX | =772/1.3 |
| φ18 | VALVE BOX - AO 2-2 VALVE IN POSITION 815 (1 = 815) | =772/1.5 |
| φ19 | VALVE BOX - AO 2-2 VALVE IN POSITION 816 (1 = 816) | =772/1.8 |
| φ20 | VALVE BOX - AO 2-2 VALVE TO 815 (1 = TO 815) | =772/1.11 |
| φ21 | VALVE BOX - AO 2-2 VALVE TO 816 (1 = TO 816) | =772/1.13 |



v. AARSEN INT. B.V.
PANHEEL
THE NETHERLANDS

PROJECT DESCRIPTION AGROECO ECOMIX - RUSSIA
FEEDMILL 40 T/H CCP3
PAGE DESCRIPTION TERMINAL STRIP JB310.X56

DRAUGHTSMAN JRo
CREATOR SDi
DATE 22.09.2020
CHANGED 26.10.2020

HIGHER-LEVEL FUNCTION = TERMINAL
HIGHER-LEVEL DESCRIPTION TERMINAL
ITEM TERMINAL
FIELD

DRAWING NUMBER 20108 v0.3 CCP3
DRAWING NUMBER VAN AARSEN
PROJECT NUMBER SPIE-VDM 05601.20.1127
PAGE 61 /262

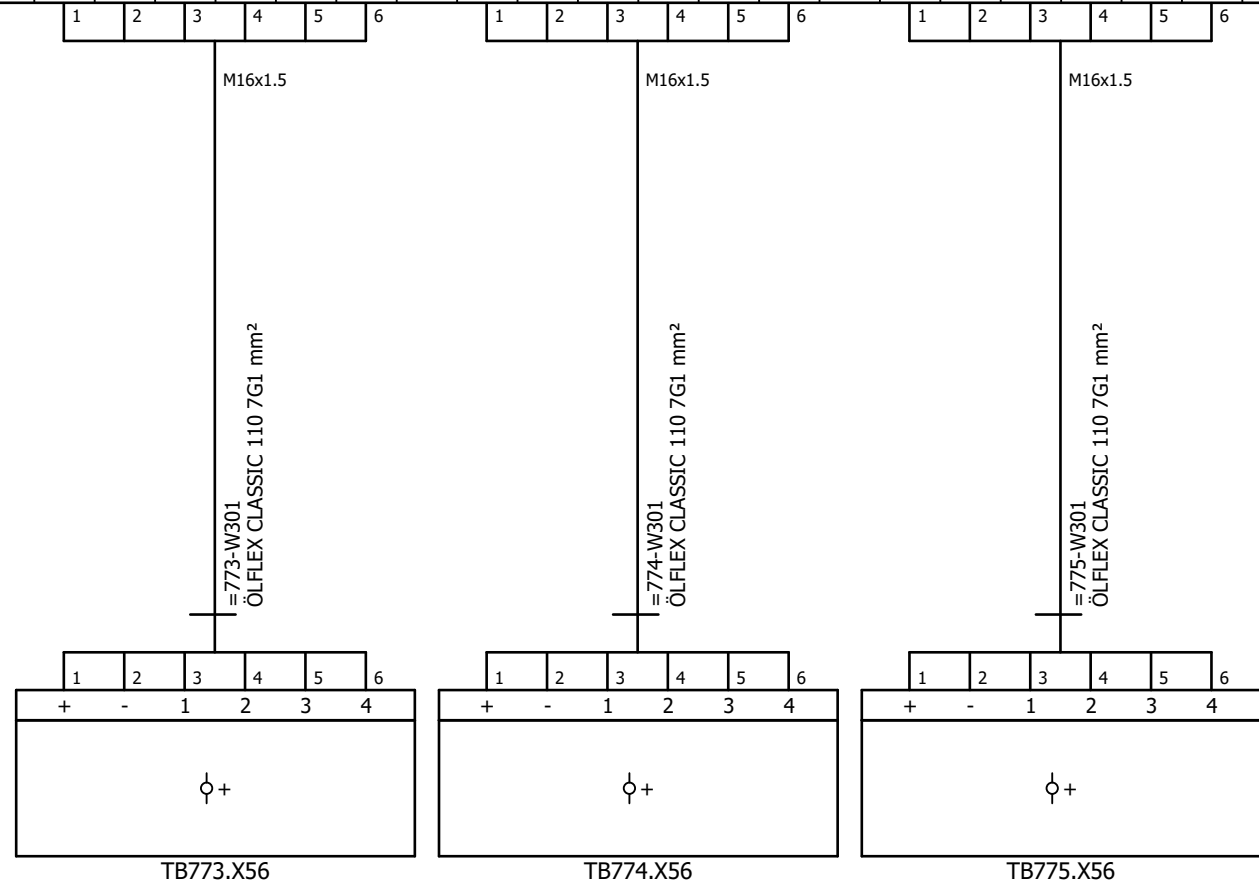
TERMINAL STRIP

JB310.X56

| FUNCTION TEXT | PAGE/COLUMN |
|--|-------------|
| ITEM 773 VALVE BOX | =773/1.3 |
| ITEM 773 VALVE BOX | =773/1.3 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 817 (1 = 817) | =773/1.5 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 818 (1 = 818) | =773/1.8 |
| VALVE BOX - AO 2-2 VALVE TO 817 (1 = TO 817) | =773/1.11 |
| VALVE BOX - AO 2-2 VALVE TO 818 (1 = TO 818) | =773/1.13 |
| ITEM 774 VALVE BOX | =774/1.3 |
| ITEM 774 VALVE BOX | =774/1.3 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 819 (1 = 819) | =774/1.5 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 820 (1 = 820) | =774/1.8 |
| VALVE BOX - AO 2-2 VALVE TO 819 (1 = TO 819) | =774/1.11 |
| VALVE BOX - AO 2-2 VALVE TO 820 (1 = TO 820) | =774/1.13 |
| ITEM 775 VALVE BOX | =775/1.3 |
| ITEM 775 VALVE BOX | =775/1.3 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 821 (1 = 821) | =775/1.5 |
| VALVE BOX - AO 2-2 VALVE IN POSITION 822 (1 = 822) | =775/1.8 |
| VALVE BOX - AO 2-2 VALVE TO 821 (1 = TO 821) | =775/1.11 |
| VALVE BOX - AO 2-2 VALVE TO 822 (1 = TO 822) | =775/1.13 |
| SPARE | =775/1.13 |

TERMINAL NUMBER

- ϕ^+ ϕ^- ϕ_{22} ϕ_{23} ϕ_{24} ϕ_{25}
- ϕ^+ ϕ^- ϕ_{26} ϕ_{27} ϕ_{28} ϕ_{29}
- ϕ^+ ϕ^- ϕ_{30} ϕ_{31} ϕ_{32} ϕ_{33} ϕ_{34}



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v. AARSEN INT. B.V.
PANHEEL
THE NETHERLANDS

PROJECT DESCRIPTION AGROECO ECOMIX - RUSSIA
FEEDMILL 40 T/H CCP3
PAGE DESCRIPTION TERMINAL STRIP JB310.X56

DRAUGHTSMAN JRo
CREATOR SDi
DATE 22.09.2020
CHANGED 26.10.2020

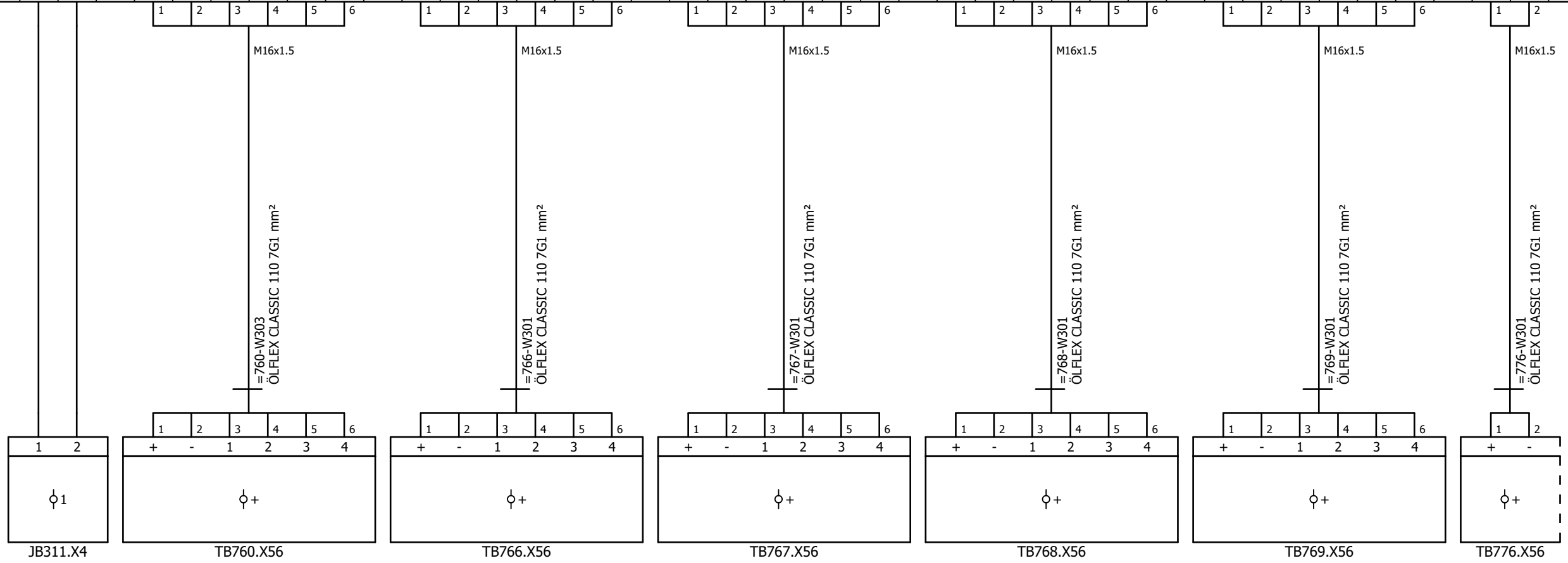
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HIGHER-LEVEL DESCRIPTION TERMINAL
ITEM TERMINAL
FIELD

DRAWING NUMBER 20108 v0.3 CCP3
DRAWING NUMBER VAN AARSEN
PROJECT NUMBER SPIE-VDM 05601.20.1127
PAGE 61.A /262

TERMINAL STRIP

JB311.X56

| TERMINAL NUMBER | FUNCTION TEXT | PAGE/COLUMN |
|-----------------|---|--------------|
| φ+ | CONTROL CURRENT 24VDC JB311 | =0_3RIO/10.3 |
| φ- | CONTROL CURRENT 24VDC JB311 | =0_3RIO/10.3 |
| φ0 | CONTROL CURRENT 24VDC JB311 | =0_3RIO/10.4 |
| φ+ | ITEM 760 CHAIN CONVEYOR | =760/3.3 |
| φ- | ITEM 760 CHAIN CONVEYOR | =760/3.3 |
| φ1 | CHAIN CONVEYOR MOTOR WORK SWITCH (0 = FAULT) | =760/3.5 |
| φ2 | CHAIN CONVEYOR OVERFLOW OK (0 = FAULT) | =760/3.8 |
| φ3 | CHAIN CONVEYOR SPEED MONITOR PULSE (1 = PULS) | =760/3.11 |
| φ4 | SPARE | =760/3.12 |
| φ+ | ITEM 766 SLIDE | =766/1.3 |
| φ- | ITEM 766 SLIDE | =766/1.3 |
| φ5 | SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =766/1.5 |
| φ6 | SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =766/1.8 |
| φ7 | SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =766/1.11 |
| φ8 | SPARE | =766/1.11 |
| φ+ | ITEM 767 SLIDE | =767/1.3 |
| φ- | ITEM 767 SLIDE | =767/1.3 |
| φ9 | SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =767/1.5 |
| φ10 | SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =767/1.8 |
| φ11 | SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =767/1.11 |
| φ12 | SPARE | =767/1.11 |
| φ+ | ITEM 768 SLIDE | =768/1.3 |
| φ- | ITEM 768 SLIDE | =768/1.3 |
| φ13 | SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =768/1.5 |
| φ14 | SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =768/1.8 |
| φ15 | SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =768/1.11 |
| φ16 | SPARE | =768/1.11 |
| φ+ | ITEM 769 SLIDE | =769/1.3 |
| φ- | ITEM 769 SLIDE | =769/1.3 |
| φ17 | SLIDE - AO 1-2 VALVE OPENED (1 = OPENED) | =769/1.5 |
| φ18 | SLIDE - AO 1-2 VALVE CLOSED (1 = CLOSED) | =769/1.8 |
| φ19 | SLIDE - AO 1-2 VALVE OPEN (1 = OPENING) | =769/1.11 |
| φ20 | SPARE | =769/1.11 |
| φ+ | ITEM 776 VALVE BOX | =776/1.3 |
| φ- | ITEM 776 VALVE BOX | =776/1.3 |



v. AARSEN INT. B.V.
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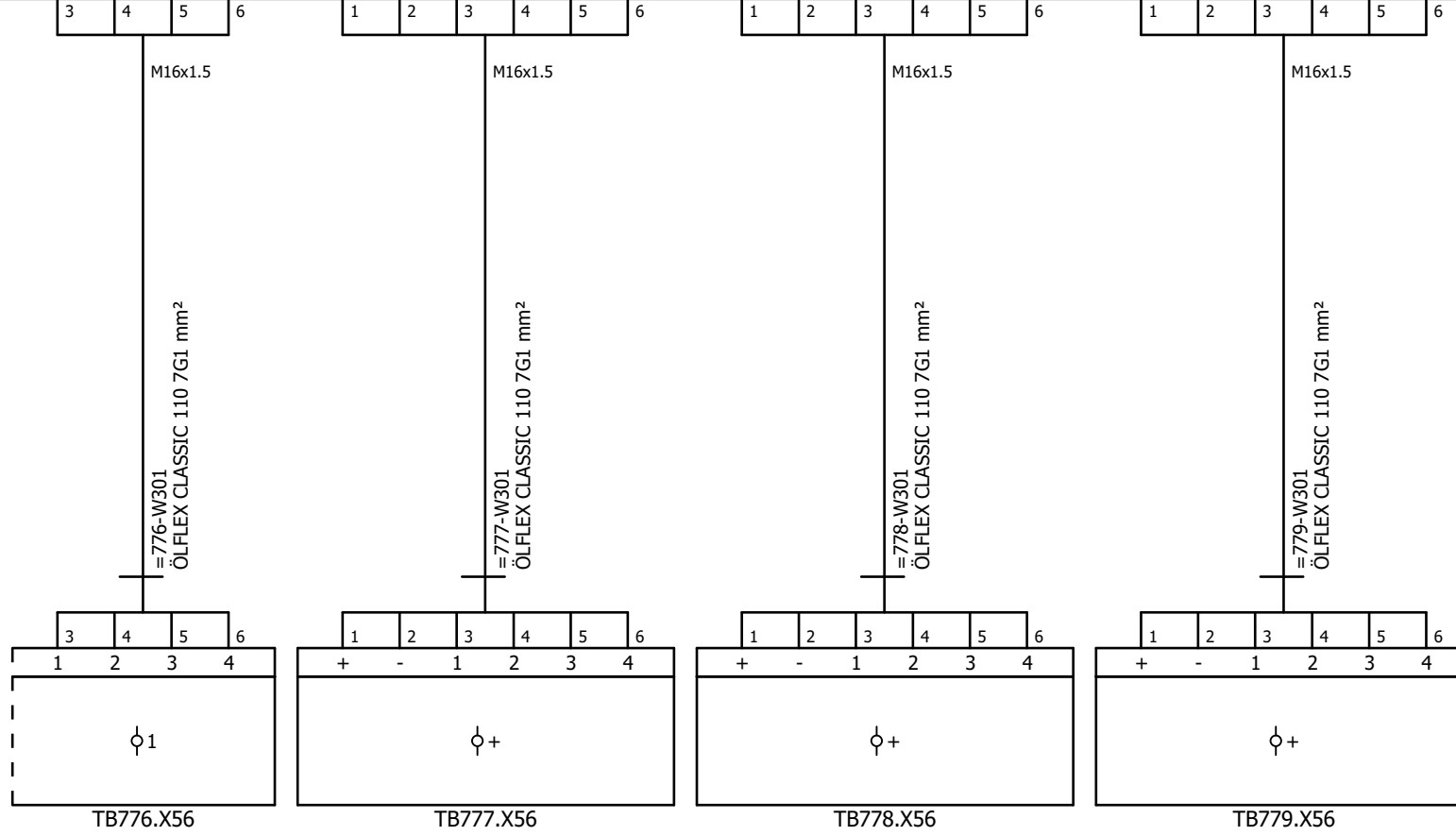
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FEEDMILL 40 T/H CCP3
PAGE DESCRIPTION TERMINAL STRIP JB311.X56

DRAUGHTSMAN JRo
CREATOR SDi
DATE 22.09.2020
CHANGED 26.10.2020

HIGHER-LEVEL FUNCTION = TERMINAL
HIGHER-LEVEL DESCRIPTION TERMINAL
ITEM TERMINAL
FIELD

DRAWING NUMBER 20108 v0.3 CCP3
DRAWING NUMBER VAN AARSEN
PROJECT NUMBER SPIE-VDM 05601.20.1127
PAGE 63 /262

| | | |
|-----------------|---------------|--|
| TERMINAL STRIP | PAGE/COLUMN | |
| JB311.X56 | | =776/1.5 |
| | FUNCTION TEXT | VALVE BOX - AO 2-2 VALVE IN POSITION 823 (1 = 823) |
| TERMINAL NUMBER | ϕ 21 | VALVE BOX - AO 2-2 VALVE IN POSITION 824 (1 = 824) |
| | ϕ 22 | VALVE BOX - AO 2-2 VALVE TO 823 (1 = TO 823) |
| | ϕ 23 | VALVE BOX - AO 2-2 VALVE TO 824 (1 = TO 824) |
| | ϕ 24 | |
| | ϕ + | ITEM 777 VALVE BOX |
| | ϕ - | ITEM 777 VALVE BOX |
| | ϕ 25 | VALVE BOX - AO 2-2 VALVE IN POSITION 825 (1 = 825) |
| | ϕ 26 | VALVE BOX - AO 2-2 VALVE IN POSITION 826 (1 = 826) |
| | ϕ 27 | VALVE BOX - AO 2-2 VALVE TO 825 (1 = TO 825) |
| | ϕ 28 | VALVE BOX - AO 2-2 VALVE TO 826 (1 = TO 826) |
| | ϕ + | ITEM 778 VALVE BOX |
| | ϕ - | ITEM 778 VALVE BOX |
| | ϕ 29 | VALVE BOX - AO 2-2 VALVE IN POSITION 827 (1 = 827) |
| | ϕ 30 | VALVE BOX - AO 2-2 VALVE IN POSITION 828 (1 = 828) |
| | ϕ 31 | VALVE BOX - AO 2-2 VALVE TO 827 (1 = TO 827) |
| | ϕ 32 | VALVE BOX - AO 2-2 VALVE TO 828 (1 = TO 828) |
| | ϕ + | ITEM 779 VALVE BOX |
| | ϕ - | ITEM 779 VALVE BOX |
| | ϕ 33 | VALVE BOX - AO 2-2 VALVE IN POSITION 829 (1 = 829) |
| | ϕ 34 | VALVE BOX - AO 2-2 VALVE IN POSITION 830 (1 = 830) |
| | ϕ 35 | VALVE BOX - AO 2-2 VALVE TO 829 (1 = TO 829) |
| | ϕ 36 | VALVE BOX - AO 2-2 VALVE TO 830 (1 = TO 830) |
| | ϕ 37 | SPARE |
| | ϕ 38 | SPARE |
| | ϕ 39 | SPARE |
| | ϕ 40 | SPARE |
| | ϕ 41 | SPARE |



v. AARSEN INT. B.V.
PANHEEL
THE NETHERLANDS

PROJECT DESCRIPTION: AGROECO ECOMIX - RUSSIA
FEEDMILL 40 T/H CCP3
PAGE DESCRIPTION: TERMINAL STRIP JB311.X56

DRAUGHTSMAN: JRo
CREATOR: SDi
DATE: 22.09.2020
CHANGED: 26.10.2020
HIGHER-LEVEL FUNCTION: = TERMINAL
HIGHER-LEVEL DESCRIPTION: TERMINAL
ITEM: TERMINAL
FIELD:

DRAWING NUMBER: 20108 v0.3 CCP3
DRAWING NUMBER: VAN AARSEN
PROJECT NUMBER: 05601.20.1127
PAGE: 63.A /262

TERMINAL STRIP

JB312.X4

PAGE/COLUMN

=0_3RIO/10.7

=0_3RIO/10.7

=0_3RIO/10.8

FUNCTION TEXT

CONTROL CURRENT 24VDC JB312

CONTROL CURRENT 24VDC JB312

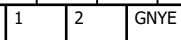
CONTROL CURRENT 24VDC JB312

TERMINAL NUMBER

φ1

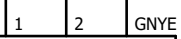
φ2

φ PE



M16x1.5

=0_3RIO-W314
Ø FLEX CLASSIC 110 3G2.5 mm²



φ17

RIO302.X4

63.A

65



v. AARSEN INT. B.V.
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PROJECT DESCRIPTION AGROECO ECOMIX - RUSSIA
FEEDMILL 40 T/H CCP3
PAGE DESCRIPTION TERMINAL STRIP JB312.X4

DRAUGHTSMAN JRo
CREATOR SDi
DATE 22.09.2020
CHANGED 26.10.2020

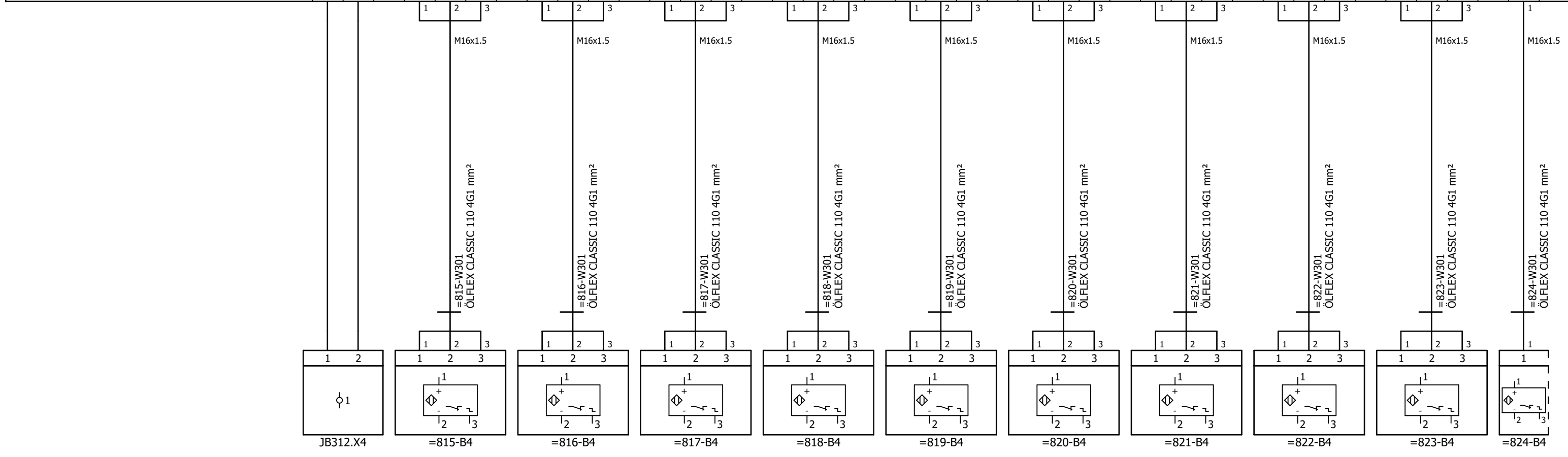
HIGHER-LEVEL FUNCTION =TERMINAL
HIGHER-LEVEL DESCRIPTION TERMINAL
ITEM TERMINAL
FIELD

DRAWING NUMBER 20108 v0.3 CCP3
DRAWING NUMBER VAN AARSEN
PROJECT NUMBER S PIE-VDM 05601.20.1127
PAGE 64 /262

TERMINAL STRIP

JB312.X56

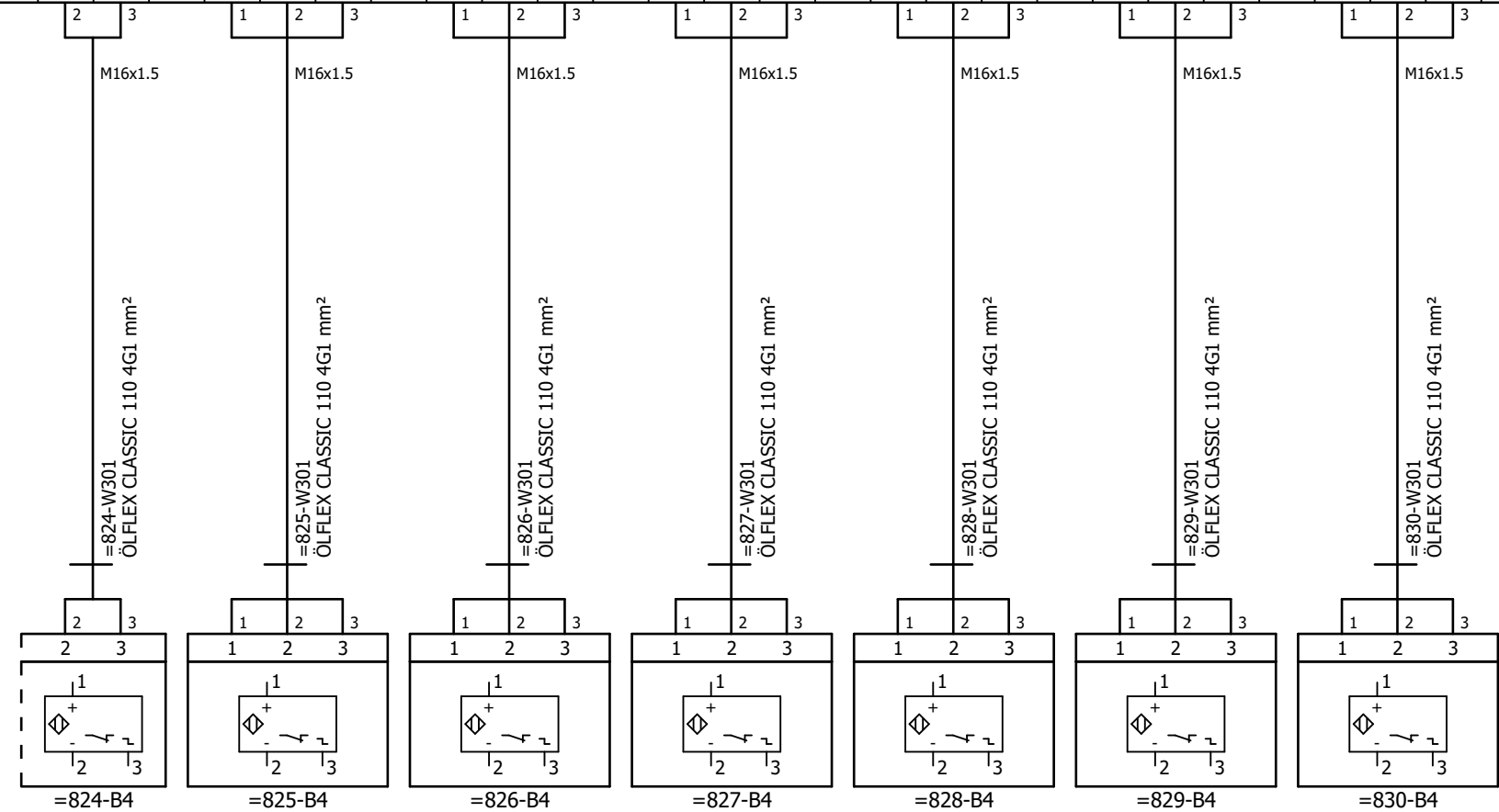
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| CONTROL CURRENT 24VDC JB312 | =0_3RIO/10.7 |
| CONTROL CURRENT 24VDC JB312 | =0_3RIO/10.7 |
| CONTROL CURRENT 24VDC JB312 | =0_3RIO/10.8 |
| ITEM 815 LEVEL INDICATOR | =815/1.3 |
| ITEM 815 LEVEL INDICATOR | =815/1.3 |
| LEVEL INDICATOR SILO - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =815/1.5 |
| ITEM 816 LEVEL INDICATOR | =816/1.3 |
| ITEM 816 LEVEL INDICATOR | =816/1.3 |
| LEVEL INDICATOR SILO - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =816/1.5 |
| ITEM 817 LEVEL INDICATOR | =817/1.3 |
| ITEM 817 LEVEL INDICATOR | =817/1.3 |
| LEVEL INDICATOR SILO - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =817/1.5 |
| ITEM 818 LEVEL INDICATOR | =818/1.3 |
| ITEM 818 LEVEL INDICATOR | =818/1.3 |
| LEVEL INDICATOR SILO - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =818/1.5 |
| ITEM 819 LEVEL INDICATOR | =819/1.3 |
| ITEM 819 LEVEL INDICATOR | =819/1.3 |
| LEVEL INDICATOR SILO - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =819/1.5 |
| ITEM 820 LEVEL INDICATOR | =820/1.3 |
| ITEM 820 LEVEL INDICATOR | =820/1.3 |
| LEVEL INDICATOR SILO - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =820/1.5 |
| ITEM 821 LEVEL INDICATOR | =821/1.3 |
| ITEM 821 LEVEL INDICATOR | =821/1.3 |
| LEVEL INDICATOR SILO - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =821/1.5 |
| ITEM 822 LEVEL INDICATOR | =822/1.3 |
| ITEM 822 LEVEL INDICATOR | =822/1.3 |
| LEVEL INDICATOR SILO - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =822/1.5 |
| ITEM 823 LEVEL INDICATOR | =823/1.3 |
| ITEM 823 LEVEL INDICATOR | =823/1.3 |
| LEVEL INDICATOR SILO - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =823/1.5 |
| ITEM 824 LEVEL INDICATOR | =824/1.3 |



TERMINAL STRIP

JB312.X56

| TERMINAL NUMBER | FUNCTION TEXT | PAGE/COLUMN |
|-----------------|--|-------------|
| Ø- | ITEM 824 LEVEL INDICATOR | =824/1.3 |
| Ø10 | LEVEL INDICATOR SILO - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =824/1.5 |
| Ø+ | ITEM 825 LEVEL INDICATOR | =825/1.3 |
| Ø- | ITEM 825 LEVEL INDICATOR | =825/1.3 |
| Ø11 | LEVEL INDICATOR SILO - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =825/1.5 |
| Ø+ | ITEM 826 LEVEL INDICATOR | =826/1.3 |
| Ø- | ITEM 826 LEVEL INDICATOR | =826/1.3 |
| Ø12 | LEVEL INDICATOR SILO - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =826/1.5 |
| Ø+ | ITEM 827 LEVEL INDICATOR | =827/1.3 |
| Ø- | ITEM 827 LEVEL INDICATOR | =827/1.3 |
| Ø13 | LEVEL INDICATOR SILO - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =827/1.5 |
| Ø+ | ITEM 828 LEVEL INDICATOR | =828/1.3 |
| Ø- | ITEM 828 LEVEL INDICATOR | =828/1.3 |
| Ø14 | LEVEL INDICATOR SILO - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =828/1.5 |
| Ø+ | ITEM 829 LEVEL INDICATOR | =829/1.3 |
| Ø- | ITEM 829 LEVEL INDICATOR | =829/1.3 |
| Ø15 | LEVEL INDICATOR SILO - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =829/1.5 |
| Ø+ | ITEM 830 LEVEL INDICATOR | =830/1.3 |
| Ø- | ITEM 830 LEVEL INDICATOR | =830/1.3 |
| Ø16 | LEVEL INDICATOR SILO - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =830/1.5 |
| Ø17 | SPARE | =830/1.5 |



v. AARSEN INT. B.V.
PANHEEL
THE NETHERLANDS

PROJECT DESCRIPTION AGROECO ECOMIX - RUSSIA
FEEDMILL 40 T/H CCP3
PAGE DESCRIPTION TERMINAL STRIP JB312.X56

DRAUGHTSMAN JRo
CREATOR SDi
DATE 22.09.2020
CHANGED 26.10.2020

HIGHER-LEVEL FUNCTION = TERMINAL
HIGHER-LEVEL DESCRIPTION TERMINAL
ITEM TERMINAL
FIELD

DRAWING NUMBER 20108 v0.3 CCP3
DRAWING NUMBER VAN AARSEN
PROJECT NUMBER SPlE-VDM 05601.20.1127
PAGE 65.A /262

TERMINAL STRIP

JB313.X4

| | |
|---------------|-----------------------------|
| FUNCTION TEXT | CONTROL CURRENT 24VDC JB313 |
| | CONTROL CURRENT 24VDC JB313 |
| | CONTROL CURRENT 24VDC JB313 |

PAGE/COLUMN

=0_3RIO/10.11

=0_3RIO/10.11

=0_3RIO/10.12

TERMINAL NUMBER

ϕ 1

ϕ 2

ϕ PE



65.A

67



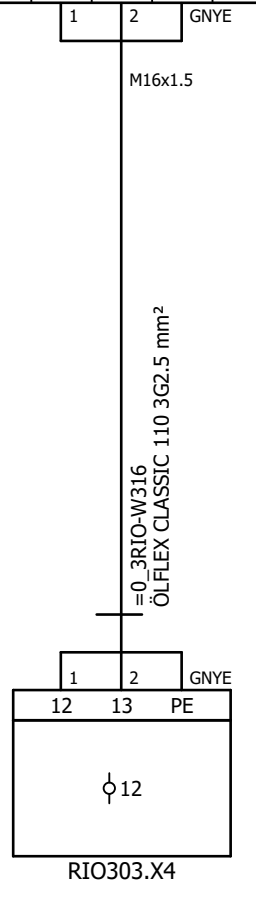
v. AARSEN INT. B.V.
PANHEEL
THE NETHERLANDS

| | |
|---------------------|---|
| PROJECT DESCRIPTION | AGROECO ECOMIX - RUSSIA FEEDMILL 40 T/H CCP3 |
| PAGE DESCRIPTION | TERMINAL STRIP JB313.X4 |

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| DRAUGHTSMAN | JRo | HIGHER-LEVEL FUNCTION | = TERMINAL |
| CREATOR | SDi | HIGHER-LEVEL DESCRIPTION | TERMINAL |
| DATE | 22.09.2020 | ITEM | TERMINAL |
| CHANGED | 26.10.2020 | FIELD | |

| | |
|------------------------------|-----------------|
| DRAWING NUMBER | 20108 v0.3 CCP3 |
| DRAWING NUMBER VAN AARSEN | |
| PROJECT NUMBER SPIE-VDM | 05601.20.1127 |
| PAGE | 66 /262 |

| TERMINAL STRIP | PAGE/COLUMN | FUNCTION TEXT | TERMINAL NUMBER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--------------|-----------------------------|-----------------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| JB314.X4 | =0_3RIO/14.3 | CONTROL CURRENT 24VDC JB314 | Ø1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | =0_3RIO/14.3 | CONTROL CURRENT 24VDC JB314 | Ø2 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | =0_3RIO/14.4 | CONTROL CURRENT 24VDC JB314 | ØPE | GNYE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



v. AARSEN INT. B.V.
 PANHEEL
 THE NETHERLANDS

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|---------------------|---|
| PROJECT DESCRIPTION | AGROECO ECOMIX - RUSSIA FEEDMILL 40 T/H CCP3 |
| PAGE DESCRIPTION | TERMINAL STRIP JB314.X4 |

| | |
|-------------|------------|
| DRAUGHTSMAN | JRo |
| CREATOR | SDi |
| DATE | 22.09.2020 |
| CHANGED | 26.10.2020 |

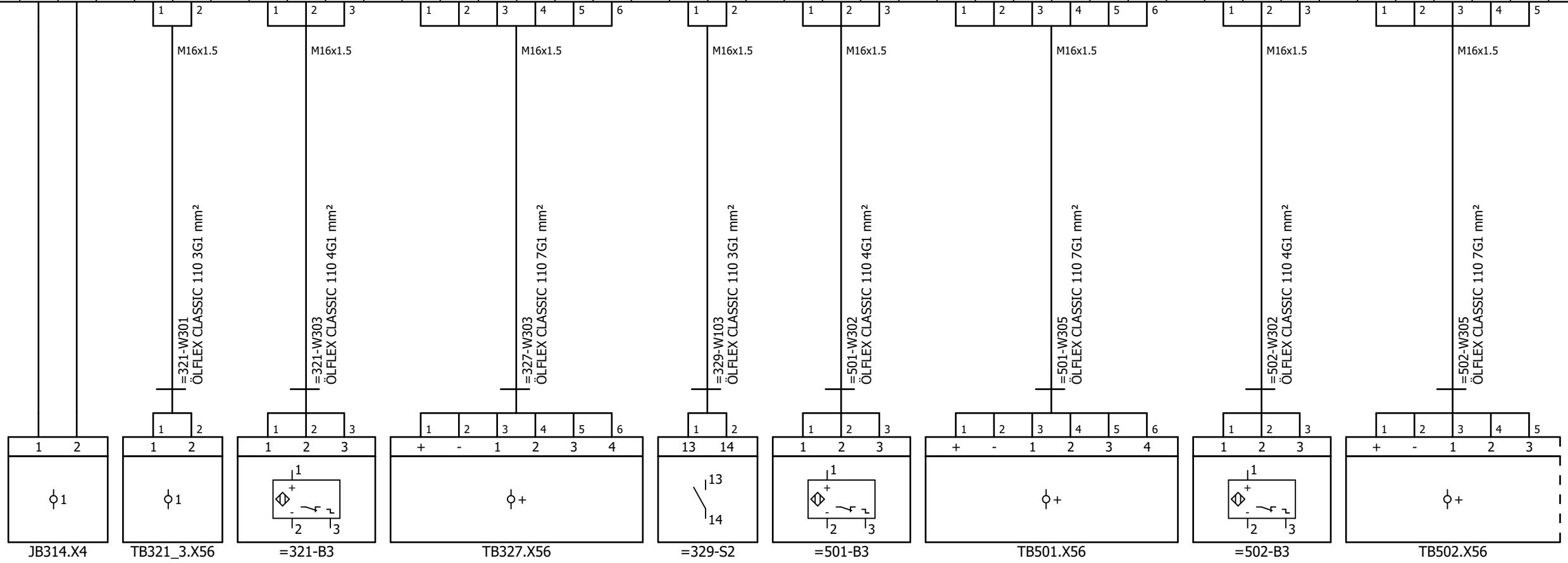
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| HIGHER-LEVEL FUNCTION | = TERMINAL |
| HIGHER-LEVEL DESCRIPTION | TERMINAL |
| ITEM | TERMINAL |
| FIELD | |

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| DRAWING NUMBER | 20108 v0.3 CCP3 |
| DRAWING NUMBER VAN AARSEN | |
| PROJECT NUMBER SPIE-VDM | 05601.20.1127 |
| PAGE | 68 / 262 |

TERMINAL STRIP

JB314.X56

| TERMINAL NUMBER | FUNCTION TEXT | PAGE/COLUMN |
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| φ+ | CONTROL CURRENT 24VDC JB314 | =0_3RIO/14.3 |
| φ- | CONTROL CURRENT 24VDC JB314 | =0_3RIO/14.3 |
| φ0 | CONTROL CURRENT 24VDC JB314 | =0_3RIO/14.4 |
| φ+ | EXPLOSION MEMBRANE INDICATOR EXPLOSION (0 = EXPLOSION) | =321/1.3 |
| φ1 | EXPLOSION MEMBRANE INDICATOR EXPLOSION (0 = EXPLOSION) | =321/1.3 |
| φ+ | ITEM 321 LEVEL INDICATOR | =321/2.3 |
| φ- | ITEM 321 LEVEL INDICATOR | =321/2.3 |
| φ2 | LEVEL INDICATOR - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | =321/2.5 |
| φ+ | ITEM 327 SCREW CONVEYOR | =327/3.3 |
| φ- | ITEM 327 SCREW CONVEYOR | =327/3.3 |
| φ3 | SCREW CONVEYOR MOTOR WORK SWITCH (0 = FAULT) | =327/3.5 |
| φ4 | SCREW CONVEYOR OVERFLOW OK (0 = FAULT) | =327/3.8 |
| φ5 | SCREW CONVEYOR PRODUCT INDICATOR PRODUCT (1 = PRODUCT) | =327/3.11 |
| φ6 | SPARE | =327/3.12 |
| φ+ | ROTARY VALVE MOTOR WORK SWITCH (0 = FAULT) | =329/3.3 |
| φ7 | ROTARY VALVE MOTOR WORK SWITCH (0 = FAULT) | =329/3.3 |
| φ+ | ITEM 501 LEVEL INDICATOR | =501/2.3 |
| φ- | ITEM 501 LEVEL INDICATOR | =501/2.3 |
| φ8 | LEVEL INDICATOR SILO - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | =501/2.5 |
| φ+ | ITEM 501 SCREW CONVEYOR | =501/5.3 |
| φ- | ITEM 501 SCREW CONVEYOR | =501/5.3 |
| φ9 | SCREW CONVEYOR MOTOR WORK SWITCH (0 = FAULT) | =501/5.5 |
| φ10 | SCREW CONVEYOR OVERFLOW OK (0 = FAULT) | =501/5.8 |
| φ11 | SPARE | =501/5.8 |
| φ12 | SPARE | =501/5.9 |
| φ+ | ITEM 502 LEVEL INDICATOR | =502/2.3 |
| φ- | ITEM 502 LEVEL INDICATOR | =502/2.3 |
| φ13 | LEVEL INDICATOR SILO - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | =502/2.5 |
| φ+ | ITEM 502 SCREW CONVEYOR | =502/5.3 |
| φ- | ITEM 502 SCREW CONVEYOR | =502/5.3 |
| φ14 | SCREW CONVEYOR MOTOR WORK SWITCH (0 = FAULT) | =502/5.5 |
| φ15 | SCREW CONVEYOR OVERFLOW OK (0 = FAULT) | =502/5.8 |
| φ16 | SPARE | =502/5.8 |



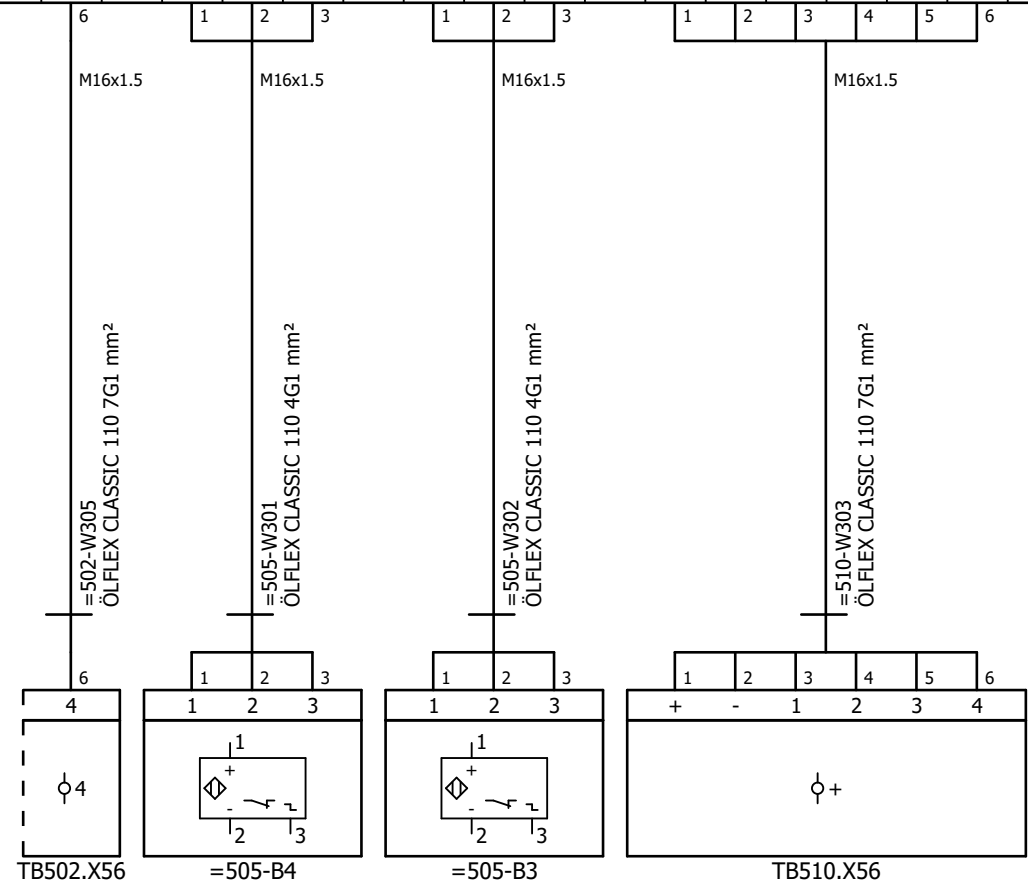
v. AARSEN INT. B.V.
PANHEEL
THE NETHERLANDS

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| PROJECT DESCRIPTION | AGROECO ECOMIX - RUSSIA FEEDMILL 40 T/H CCP3 |
| PAGE DESCRIPTION | TERMINAL STRIP JB314.X56 |

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| DRAUGHTSMAN | JRo | HIGHER-LEVEL FUNCTION | = TERMINAL |
| CREATOR | SDi | HIGHER-LEVEL DESCRIPTION | TERMINAL |
| DATE | 22.09.2020 | ITEM | TERMINAL |
| CHANGED | 26.10.2020 | FIELD | |

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| DRAWING NUMBER | 20108 v0.3 CCP3 |
| DRAWING NUMBER VAN AARSEN | |
| PROJECT NUMBER SPIE-VDM | 05601.20.1127 |
| PAGE | 69 /262 |

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| TERMINAL STRIP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JB314.X56 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| FUNCTION TEXT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| SPARE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| ITEM 505 LEVEL INDICATOR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ITEM 505 LEVEL INDICATOR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LEVEL INDICATOR SILO - FULL LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| ITEM 505 LEVEL INDICATOR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ITEM 505 LEVEL INDICATOR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LEVEL INDICATOR SILO - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| ITEM 510 FEEDER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ITEM 510 FEEDER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FEEDER MOTOR MAINTENANCE SWITCH (0 = FAULT) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FEEDER OVERFLOW OK (0 = FAULT) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FEEDER PRODUCT INDICATOR PRODUCT (1 = PRODUCT) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SPARE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SPARE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| TERMINAL NUMBER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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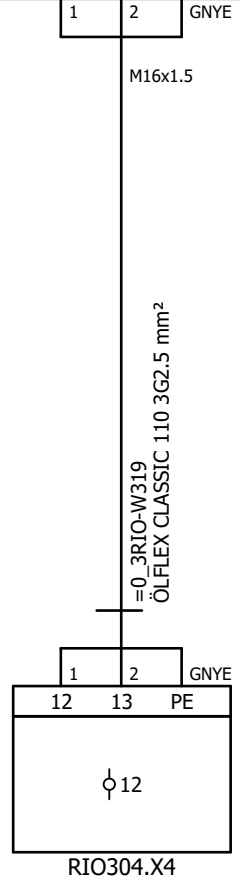
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FEEDMILL 40 T/H CCP3
PAGE DESCRIPTION TERMINAL STRIP JB314.X56

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| DRAUGHTSMAN | JRo |
| CREATOR | SDi |
| DATE | 22.09.2020 |
| CHANGED | 26.10.2020 |

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| HIGHER-LEVEL DESCRIPTION | TERMINAL |
| ITEM | TERMINAL |
| FIELD | |

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| DRAWING NUMBER | 20108 v0.3 CCP3 |
| DRAWING NUMBER VAN AARSEN | |
| PROJECT NUMBER SPIE-VDM | 05601.20.1127 |
| PAGE | 69.A /262 |

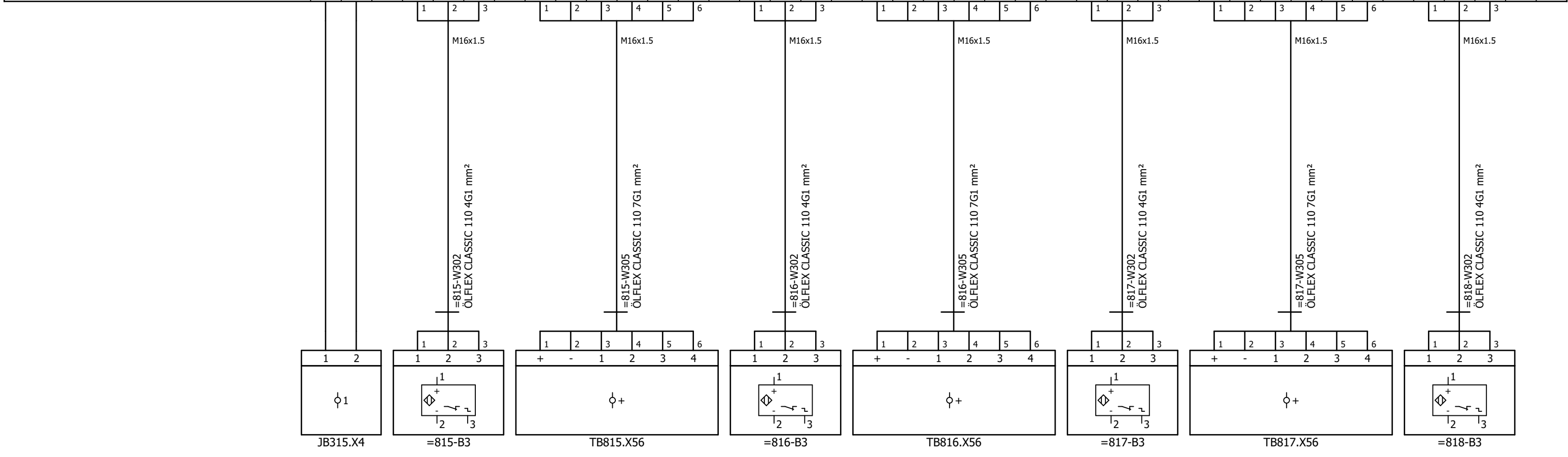
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| JB315.X4 | =0_3RIO/18.3 =0_3RIO/18.3 =0_3RIO/18.4 | CONTROL CURRENT 24VDC JB315 CONTROL CURRENT 24VDC JB315 CONTROL CURRENT 24VDC JB315 | φ1 φ2 φ PE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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TERMINAL STRIP

JB315.X56

| FUNCTION TEXT | PAGE/COLUMN |
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| CONTROL CURRENT 24VDC JB315 | =0_3RIO/18.3 |
| CONTROL CURRENT 24VDC JB315 | =0_3RIO/18.3 |
| CONTROL CURRENT 24VDC JB315 | =0_3RIO/18.4 |
| ITEM 815 LEVEL INDICATOR | =815/2.3 |
| ITEM 815 LEVEL INDICATOR | =815/2.3 |
| LEVEL INDICATOR SILO - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | =815/2.5 |
| ITEM 815 SLIDE MO | =815/5.3 |
| ITEM 815 SLIDE MO | =815/5.3 |
| SLIDE - MO 2-2 MOTOR WORK SWITCH (0 = FAULT) | =815/5.5 |
| SLIDE - MO 2-2 MOTOR OPENED (1 = OPENED) | =815/5.8 |
| SLIDE - MO 2-2 MOTOR CLOSED (1 = CLOSED) | =815/5.11 |
| SPARE | =815/5.12 |
| ITEM 816 LEVEL INDICATOR | =816/2.3 |
| ITEM 816 LEVEL INDICATOR | =816/2.3 |
| LEVEL INDICATOR SILO - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | =816/2.5 |
| ITEM 816 SLIDE MO | =816/5.3 |
| ITEM 816 SLIDE MO | =816/5.3 |
| SLIDE - MO 2-2 MOTOR WORK SWITCH (0 = FAULT) | =816/5.5 |
| SLIDE - MO 2-2 MOTOR OPENED (1 = OPENED) | =816/5.8 |
| SLIDE - MO 2-2 MOTOR CLOSED (1 = CLOSED) | =816/5.11 |
| SPARE | =816/5.12 |
| ITEM 817 LEVEL INDICATOR | =817/2.3 |
| ITEM 817 LEVEL INDICATOR | =817/2.3 |
| LEVEL INDICATOR SILO - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | =817/2.5 |
| ITEM 817 SLIDE MO | =817/5.3 |
| ITEM 817 SLIDE MO | =817/5.3 |
| SLIDE - MO 2-2 MOTOR WORK SWITCH (0 = FAULT) | =817/5.5 |
| SLIDE - MO 2-2 MOTOR OPENED (1 = OPENED) | =817/5.8 |
| SLIDE - MO 2-2 MOTOR CLOSED (1 = CLOSED) | =817/5.11 |
| SPARE | =817/5.12 |
| ITEM 818 LEVEL INDICATOR | =818/2.3 |
| ITEM 818 LEVEL INDICATOR | =818/2.3 |
| LEVEL INDICATOR SILO - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | =818/2.5 |



70

71.A



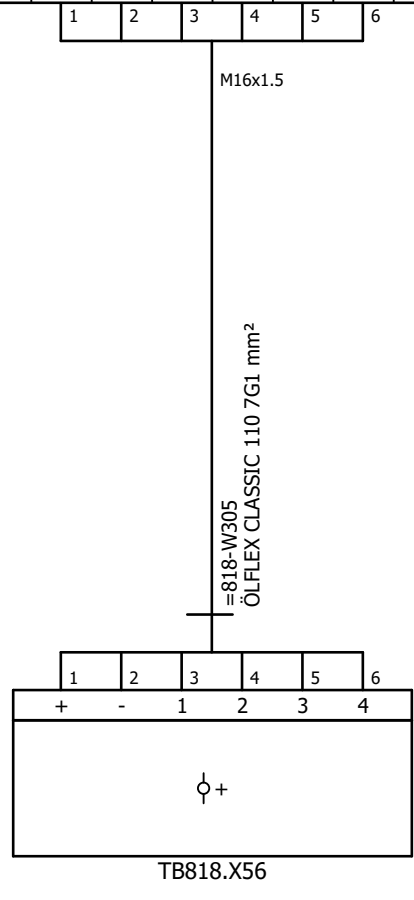
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| PROJECT DESCRIPTION | AGROECO ECOMIX - RUSSIA FEEDMILL 40 T/H CCP3 |
| PAGE DESCRIPTION | TERMINAL STRIP JB315.X56 |

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| DRAUGHTSMAN | JRo | HIGHER-LEVEL FUNCTION | = TERMINAL |
| CREATOR | SDi | HIGHER-LEVEL DESCRIPTION | TERMINAL |
| DATE | 22.09.2020 | ITEM | TERMINAL |
| CHANGED | 26.10.2020 | FIELD | |

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| DRAWING NUMBER | 20108 v0.3 CCP3 |
| DRAWING NUMBER VAN AARSEN | |
| PROJECT NUMBER SPIE-VDM | 05601.20.1127 |
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| TERMINAL STRIP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| JB315.X56 | PAGE/COLUMN | =818/5.3 | =818/5.3 | =818/5.5 | =818/5.8 | =818/5.11 | =818/5.12 | =818/5.12 | =818/5.13 | =818/5.13 | =818/5.13 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FUNCTION TEXT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ITEM 818 SLIDE MO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ITEM 818 SLIDE MO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SLIDE - MO 2-2 MOTOR WORK SWITCH (0 = FAULT) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SLIDE - MO 2-2 MOTOR OPENED (1 = OPENED) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SLIDE - MO 2-2 MOTOR CLOSED (1 = CLOSED) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SPARE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| SPARE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TERMINAL NUMBER | φ+ | φ- | φ17 | φ18 | φ19 | φ20 | φ21 | φ22 | φ23 | φ24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



71

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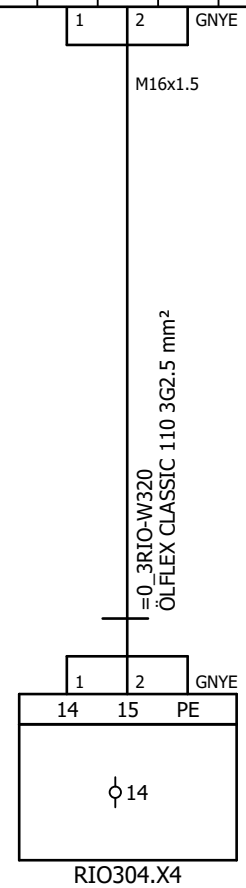
v. AARSEN INT. B.V.
PANHEEL
THE NETHERLANDS

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| PROJECT DESCRIPTION | AGROECO ECOMIX - RUSSIA FEEDMILL 40 T/H CCP3 |
| PAGE DESCRIPTION | TERMINAL STRIP JB315.X56 |

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| DRAUGHTSMAN | JRo | HIGHER-LEVEL FUNCTION | = TERMINAL |
| CREATOR | SDi | HIGHER-LEVEL DESCRIPTION | TERMINAL |
| DATE | 22.09.2020 | ITEM | TERMINAL |
| CHANGED | 26.10.2020 | FIELD | |

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| DRAWING NUMBER | 20108 v0.3 CCP3 |
| DRAWING NUMBER VAN AARSEN | |
| PROJECT NUMBER SPIE-VDM | 05601.20.1127 |
| PAGE | 71.A /262 |

| TERMINAL STRIP | PAGE/COLUMN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---------------|-----------------------------|-----------------------------|-----------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| JB316.X4 | | =0_3RIO/18.7 | =0_3RIO/18.7 | =0_3RIO/18.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| TERMINAL NUMBER | | Ø1 | Ø2 | ØPE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



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PANHEEL
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| PROJECT DESCRIPTION | AGROECO ECOMIX - RUSSIA FEEDMILL 40 T/H CCP3 |
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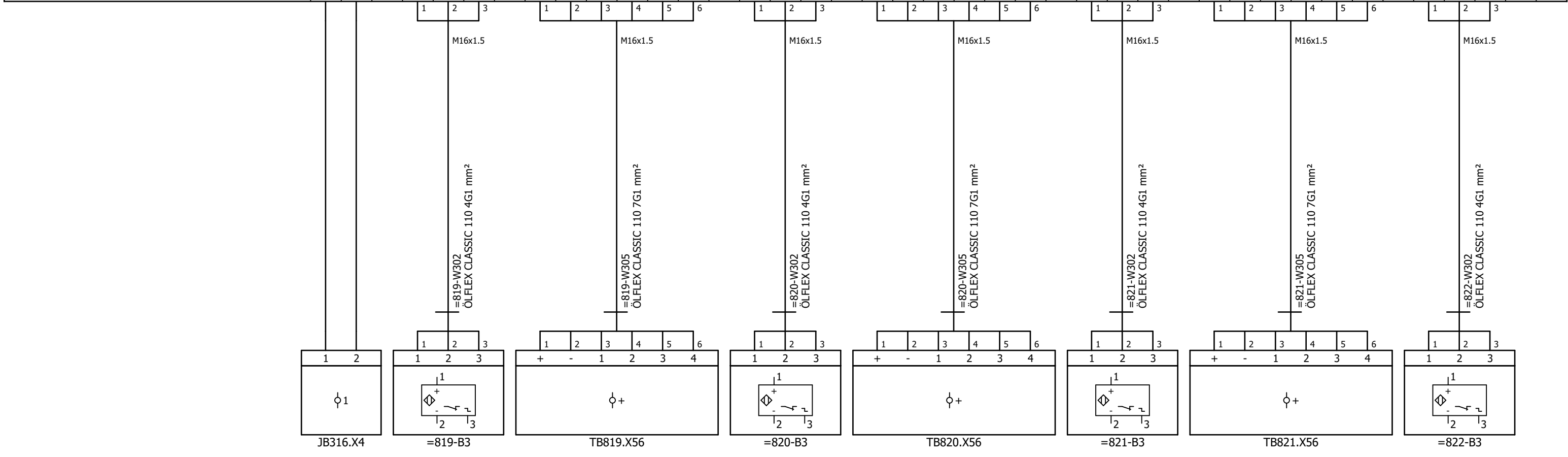
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| CREATOR | SDi | HIGHER-LEVEL DESCRIPTION | TERMINAL |
| DATE | 22.09.2020 | ITEM | TERMINAL |
| CHANGED | 26.10.2020 | FIELD | |

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| DRAWING NUMBER | 20108 v0.3 CCP3 |
| DRAWING NUMBER | VAN AARSEN |
| PROJECT NUMBER | SPE-VDM 05601.20.1127 |
| PAGE | 72 /262 |

TERMINAL STRIP

JB316.X56

| FUNCTION TEXT | PAGE/COLUMN |
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| CONTROL CURRENT 24VDC JB316 | =0_3RIO/18.7 |
| CONTROL CURRENT 24VDC JB316 | =0_3RIO/18.8 |
| ITEM 819 LEVEL INDICATOR | =819/2.3 |
| ITEM 819 LEVEL INDICATOR | =819/2.3 |
| LEVEL INDICATOR SILO - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | =819/2.5 |
| ITEM 819 SLIDE MO | =819/5.3 |
| ITEM 819 SLIDE MO | =819/5.3 |
| SLIDE - MO 2-2 MOTOR WORK SWITCH (0 = FAULT) | =819/5.5 |
| SLIDE - MO 2-2 MOTOR OPENED (1 = OPENED) | =819/5.8 |
| SLIDE - MO 2-2 MOTOR CLOSED (1 = CLOSED) | =819/5.11 |
| SPARE | =819/5.12 |
| ITEM 820 LEVEL INDICATOR | =820/2.3 |
| ITEM 820 LEVEL INDICATOR | =820/2.3 |
| LEVEL INDICATOR SILO - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | =820/2.5 |
| ITEM 820 SLIDE MO | =820/5.3 |
| ITEM 820 SLIDE MO | =820/5.3 |
| SLIDE - MO 2-2 MOTOR WORK SWITCH (0 = FAULT) | =820/5.5 |
| SLIDE - MO 2-2 MOTOR OPENED (1 = OPENED) | =820/5.8 |
| SLIDE - MO 2-2 MOTOR CLOSED (1 = CLOSED) | =820/5.11 |
| SPARE | =820/5.12 |
| ITEM 821 LEVEL INDICATOR | =821/2.3 |
| ITEM 821 LEVEL INDICATOR | =821/2.3 |
| LEVEL INDICATOR SILO - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | =821/2.5 |
| ITEM 821 SLIDE MO | =821/5.3 |
| ITEM 821 SLIDE MO | =821/5.3 |
| SLIDE - MO 2-2 MOTOR WORK SWITCH (0 = FAULT) | =821/5.5 |
| SLIDE - MO 2-2 MOTOR OPENED (1 = OPENED) | =821/5.8 |
| SLIDE - MO 2-2 MOTOR CLOSED (1 = CLOSED) | =821/5.11 |
| SPARE | =821/5.12 |
| ITEM 822 LEVEL INDICATOR | =822/2.3 |
| ITEM 822 LEVEL INDICATOR | =822/2.3 |
| LEVEL INDICATOR SILO - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | =822/2.5 |



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73.A



v. AARSEN INT. B.V.
PANHEEL
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| PROJECT DESCRIPTION | AGROECO ECOMIX - RUSSIA FEEDMILL 40 T/H CCP3 |
| PAGE DESCRIPTION | TERMINAL STRIP JB316.X56 |

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| CREATOR | SDi | HIGHER-LEVEL DESCRIPTION | TERMINAL |
| DATE | 22.09.2020 | ITEM | TERMINAL |
| CHANGED | 26.10.2020 | FIELD | |

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| DRAWING NUMBER | 20108 v0.3 CCP3 |
| DRAWING NUMBER VAN AARSEN | |
| PROJECT NUMBER SPIE-VDM | 05601.20.1127 |
| PAGE | 73 / 262 |

TERMINAL STRIP

JB316.X56

PAGE/COLUMN

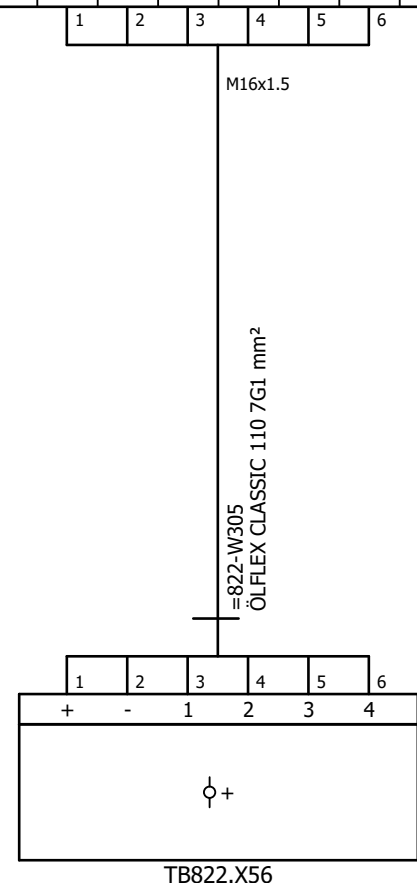
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=822/5.13
=822/5.13
=822/5.13

FUNCTION TEXT

ITEM 822 SLIDE MO
ITEM 822 SLIDE MO
SLIDE - MO 2-2 MOTOR WORK SWITCH (0 = FAULT)
SLIDE - MO 2-2 MOTOR OPENED (1 = OPENED)
SLIDE - MO 2-2 MOTOR CLOSED (1 = CLOSED)
SPARE
SPARE
SPARE
SPARE
SPARE

TERMINAL NUMBER

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v. AARSEN INT. B.V.
PANHEEL
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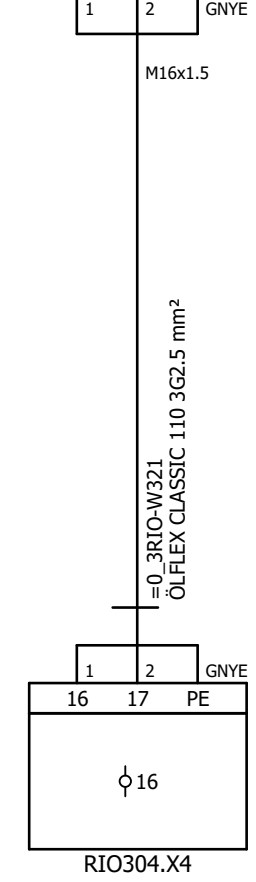
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FEEDMILL 40 T/H CCP3
PAGE DESCRIPTION TERMINAL STRIP JB316.X56

DRAUGHTSMAN JRo
CREATOR SDi
DATE 22.09.2020
CHANGED 26.10.2020

HIGHER-LEVEL FUNCTION = TERMINAL
HIGHER-LEVEL DESCRIPTION TERMINAL
ITEM TERMINAL
FIELD

DRAWING NUMBER 20108 v0.3 CCP3
DRAWING NUMBER VAN AARSEN
PROJECT NUMBER SPIE-VDM 05601.20.1127
PAGE 73.A /262

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| JB317.X4 | PAGE/COLUMN | | =0_3RIO/18.11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | FUNCTION TEXT | CONTROL CURRENT 24VDC JB317 | CONTROL CURRENT 24VDC JB317 | CONTROL CURRENT 24VDC JB317 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TERMINAL NUMBER | | φ1 | φ2 | φPE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



73.A

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v. AARSEN INT. B.V.
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THE NETHERLANDS

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| PROJECT DESCRIPTION | AGROECO ECOMIX - RUSSIA FEEDMILL 40 T/H CCP3 | | |
| PAGE DESCRIPTION | TERMINAL STRIP JB317.X4 | | |

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| DATE | 22.09.2020 | ITEM | TERMINAL |
| CHANGED | 26.10.2020 | FIELD | |

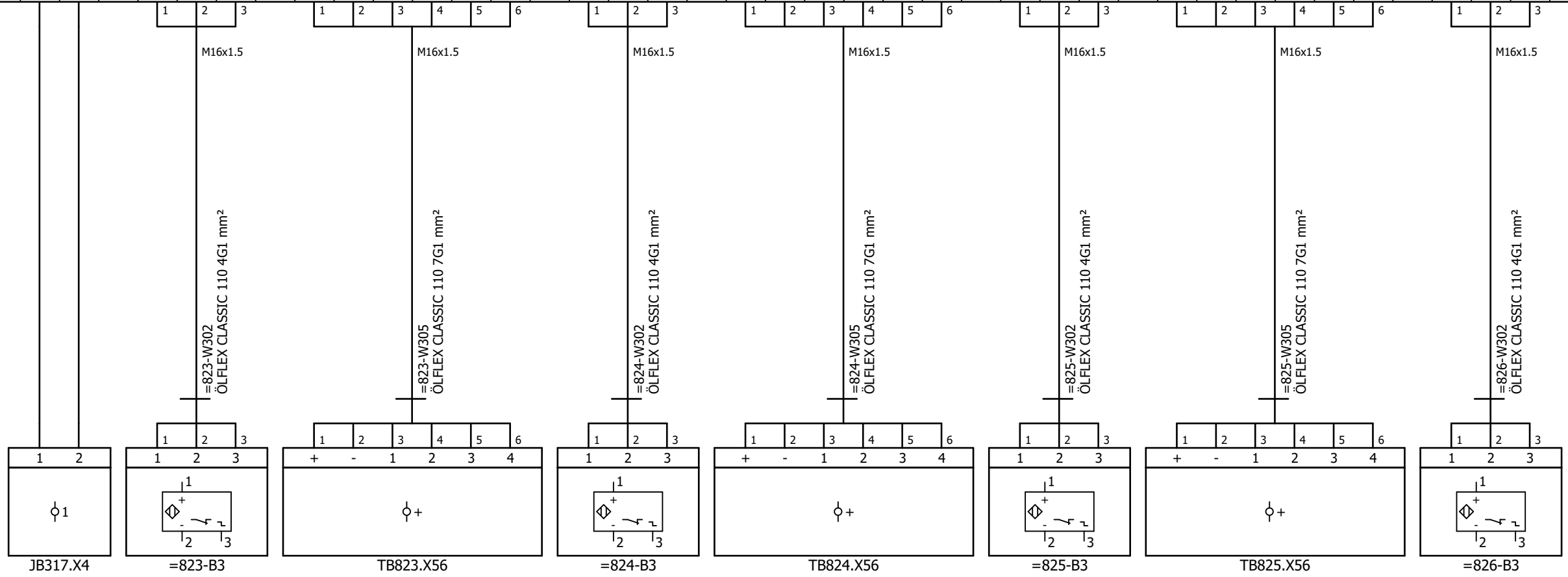
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| DRAWING NUMBER VAN AARSEN | |
| PROJECT NUMBER SPIE-VDM | 05601.20.1127 |
| PAGE | 74 /262 |

TERMINAL STRIP

JB317.X56

| FUNCTION TEXT | PAGE/COLUMN |
|--|---------------|
| CONTROL CURRENT 24VDC JB317 | =0_3RIO/18.11 |
| CONTROL CURRENT 24VDC JB317 | =0_3RIO/18.11 |
| CONTROL CURRENT 24VDC JB317 | =0_3RIO/18.12 |
| ITEM 823 LEVEL INDICATOR | =823/2.3 |
| ITEM 823 LEVEL INDICATOR | =823/2.3 |
| LEVEL INDICATOR SILO - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | =823/2.5 |
| ITEM 823 SLIDE MO | =823/5.3 |
| ITEM 823 SLIDE MO | =823/5.3 |
| SLIDE - MO 2-2 MOTOR WORK SWITCH (0 = FAULT) | =823/5.5 |
| SLIDE - MO 2-2 MOTOR OPENED (1 = OPENED) | =823/5.8 |
| SLIDE - MO 2-2 MOTOR CLOSED (1 = CLOSED) | =823/5.11 |
| SPARE | =823/5.12 |
| ITEM 824 LEVEL INDICATOR | =824/2.3 |
| ITEM 824 LEVEL INDICATOR | =824/2.3 |
| LEVEL INDICATOR SILO - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | =824/2.5 |
| ITEM 824 SLIDE MO | =824/5.3 |
| ITEM 824 SLIDE MO | =824/5.3 |
| SLIDE - MO 2-2 MOTOR WORK SWITCH (0 = FAULT) | =824/5.5 |
| SLIDE - MO 2-2 MOTOR OPENED (1 = OPENED) | =824/5.8 |
| SLIDE - MO 2-2 MOTOR CLOSED (1 = CLOSED) | =824/5.11 |
| SPARE | =824/5.12 |
| ITEM 825 LEVEL INDICATOR | =825/2.3 |
| ITEM 825 LEVEL INDICATOR | =825/2.3 |
| LEVEL INDICATOR SILO - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | =825/2.5 |
| ITEM 825 SLIDE MO | =825/5.3 |
| ITEM 825 SLIDE MO | =825/5.3 |
| SLIDE - MO 2-2 MOTOR WORK SWITCH (0 = FAULT) | =825/5.5 |
| SLIDE - MO 2-2 MOTOR OPENED (1 = OPENED) | =825/5.8 |
| SLIDE - MO 2-2 MOTOR CLOSED (1 = CLOSED) | =825/5.11 |
| SPARE | =825/5.12 |
| ITEM 826 LEVEL INDICATOR | =826/2.3 |
| ITEM 826 LEVEL INDICATOR | =826/2.3 |
| LEVEL INDICATOR SILO - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | =826/2.5 |

TERMINAL NUMBER



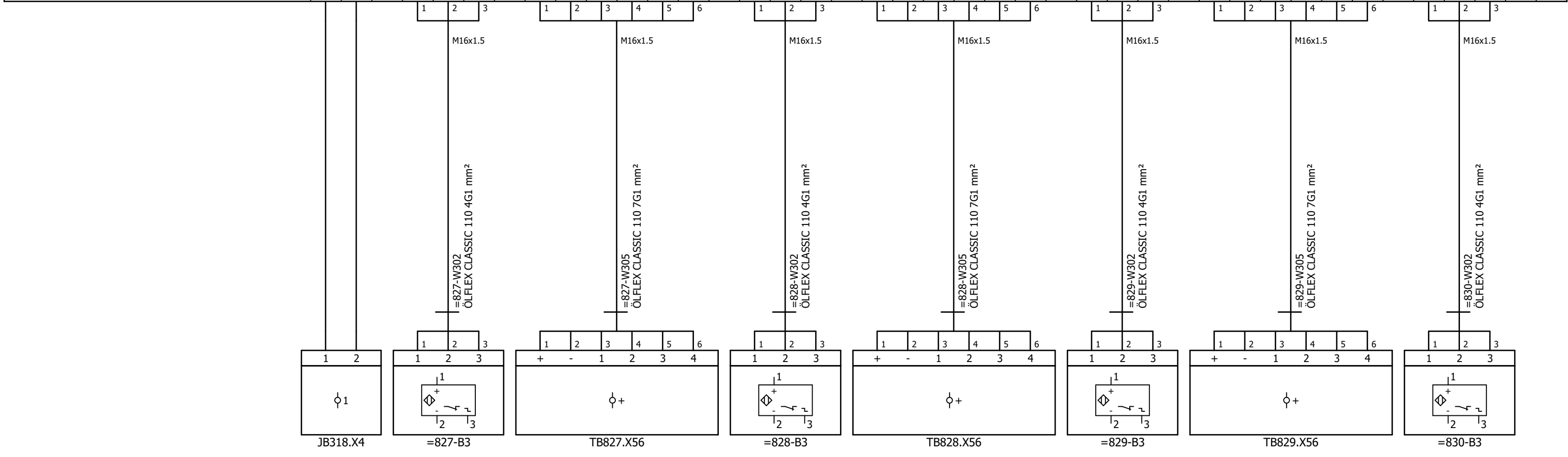
v. AARSEN INT. B.V.
PANHEEL
THE NETHERLANDS

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| PAGE DESCRIPTION | TERMINAL STRIP JB317.X56 |

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| CREATOR | SDi | HIGHER-LEVEL DESCRIPTION | TERMINAL |
| DATE | 22.09.2020 | ITEM | TERMINAL |
| CHANGED | 26.10.2020 | FIELD | |

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| DRAWING NUMBER | 20108 v0.3 CCP3 |
| DRAWING NUMBER VAN AARSEN | |
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| TERMINAL STRIP | FUNCTION TEXT | PAGE/COLUMN |
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| JB318.X56 | | |
| | CONTROL CURRENT 24VDC JB318 | =0_3RIO/18.15 |
| | CONTROL CURRENT 24VDC JB318 | =0_3RIO/18.15 |
| | CONTROL CURRENT 24VDC JB318 | =0_3RIO/18.16 |
| | ITEM 827 LEVEL INDICATOR | =827/2.3 |
| | ITEM 827 LEVEL INDICATOR | =827/2.3 |
| | LEVEL INDICATOR SILO - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | =827/2.5 |
| | | |
| | ITEM 827 SLIDE MO | =827/5.3 |
| | ITEM 827 SLIDE MO | =827/5.3 |
| | SLIDE - MO 2-2 MOTOR WORK SWITCH (0 = FAULT) | =827/5.5 |
| | SLIDE - MO 2-2 MOTOR OPENED (1 = OPENED) | =827/5.8 |
| | SLIDE - MO 2-2 MOTOR CLOSED (1 = CLOSED) | =827/5.11 |
| | SPARE | =827/5.12 |
| | | |
| | ITEM 828 LEVEL INDICATOR | =828/2.3 |
| | ITEM 828 LEVEL INDICATOR | =828/2.3 |
| | LEVEL INDICATOR SILO - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | =828/2.5 |
| | | |
| | ITEM 828 SLIDE MO | =828/5.3 |
| | ITEM 828 SLIDE MO | =828/5.3 |
| | SLIDE - MO 2-2 MOTOR WORK SWITCH (0 = FAULT) | =828/5.5 |
| | SLIDE - MO 2-2 MOTOR OPENED (1 = OPENED) | =828/5.8 |
| | SLIDE - MO 2-2 MOTOR CLOSED (1 = CLOSED) | =828/5.11 |
| | SPARE | =828/5.12 |
| | | |
| | ITEM 829 LEVEL INDICATOR | =829/2.3 |
| | ITEM 829 LEVEL INDICATOR | =829/2.3 |
| | LEVEL INDICATOR SILO - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | =829/2.5 |
| | | |
| | ITEM 829 SLIDE MO | =829/5.3 |
| | ITEM 829 SLIDE MO | =829/5.3 |
| | SLIDE - MO 2-2 MOTOR WORK SWITCH (0 = FAULT) | =829/5.5 |
| | SLIDE - MO 2-2 MOTOR OPENED (1 = OPENED) | =829/5.8 |
| | SLIDE - MO 2-2 MOTOR CLOSED (1 = CLOSED) | =829/5.11 |
| | SPARE | =829/5.12 |
| | | |
| | ITEM 830 LEVEL INDICATOR | =830/2.3 |
| | ITEM 830 LEVEL INDICATOR | =830/2.3 |
| | LEVEL INDICATOR SILO - EMPTY LEVEL INDICATOR LOW LEVEL (1 = PRODUCT) | =830/2.5 |
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76 77.A

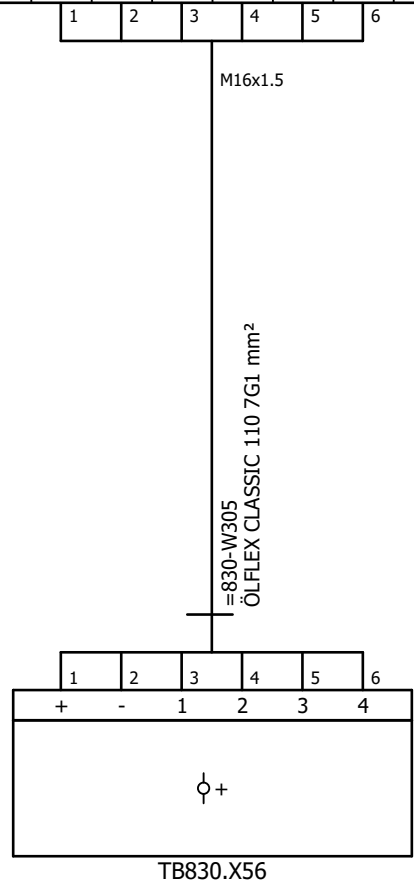
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| | | DATE 22.09.2020 | ITEM TERMINAL | PROJECT NUMBER SPIE-VDM 05601.20.1127 |
| | | CHANGED 26.10.2020 | FIELD | PAGE 77 / 262 |

TERMINAL STRIP

JB318.X56

| FUNCTION TEXT | PAGE/COLUMN |
|--|-------------|
| ITEM 830 SLIDE MO | =830/5.3 |
| ITEM 830 SLIDE MO | =830/5.3 |
| SLIDE - MO 2-2 MOTOR WORK SWITCH (0 = FAULT) | =830/5.5 |
| SLIDE - MO 2-2 MOTOR OPENED (1 = OPENED) | =830/5.8 |
| SLIDE - MO 2-2 MOTOR CLOSED (1 = CLOSED) | =830/5.11 |
| SPARE | =830/5.12 |
| SPARE | =830/5.12 |
| SPARE | =830/5.13 |
| SPARE | =830/5.13 |
| SPARE | =830/5.13 |

| TERMINAL NUMBER |
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| φ+ |
| φ- |
| φ17 |
| φ18 |
| φ19 |
| φ20 |
| φ21 |
| φ22 |
| φ23 |
| φ24 |



v. AARSEN INT. B.V.
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| PROJECT DESCRIPTION | AGROECO ECOMIX - RUSSIA FEEDMILL 40 T/H CCP3 |
| PAGE DESCRIPTION | TERMINAL STRIP JB318.X56 |

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| DATE | 22.09.2020 | ITEM | TERMINAL |
| CHANGED | 26.10.2020 | FIELD | |

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| DRAWING NUMBER | 20108 v0.3 CCP3 |
| DRAWING NUMBER VAN AARSEN | |
| PROJECT NUMBER SPIE-VDM | 05601.20.1127 |
| PAGE | 77.A /262 |

TERMINAL STRIP

JB319.X4

PAGE/COLUMN

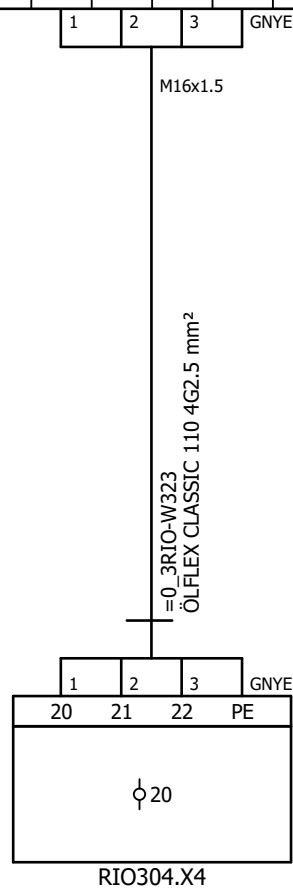
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 =0_3RIO/21.4
 =0_3RIO/19.4

FUNCTION TEXT

CONTROL CURRENT 24VDC JB319
 CONTROL CURRENT 24VDC JB319
 CONTROL CURRENT 24VDC DOSING UNIT HYDRAULIC VALVE
 V1 MOVEMENT 210
 CONTROL CURRENT 24VDC JB319

TERMINAL NUMBER

φ1 φ2 φ3 φPE



RIO304.X4

77.A

79



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 PANHEEL
 THE NETHERLANDS

PROJECT DESCRIPTION AGROECO ECOMIX - RUSSIA
 FEEDMILL 40 T/H CCP3
 PAGE DESCRIPTION TERMINAL STRIP JB319.X4

DRAUGHTSMAN JRo
 CREATOR SDi
 DATE 22.09.2020
 CHANGED 26.10.2020

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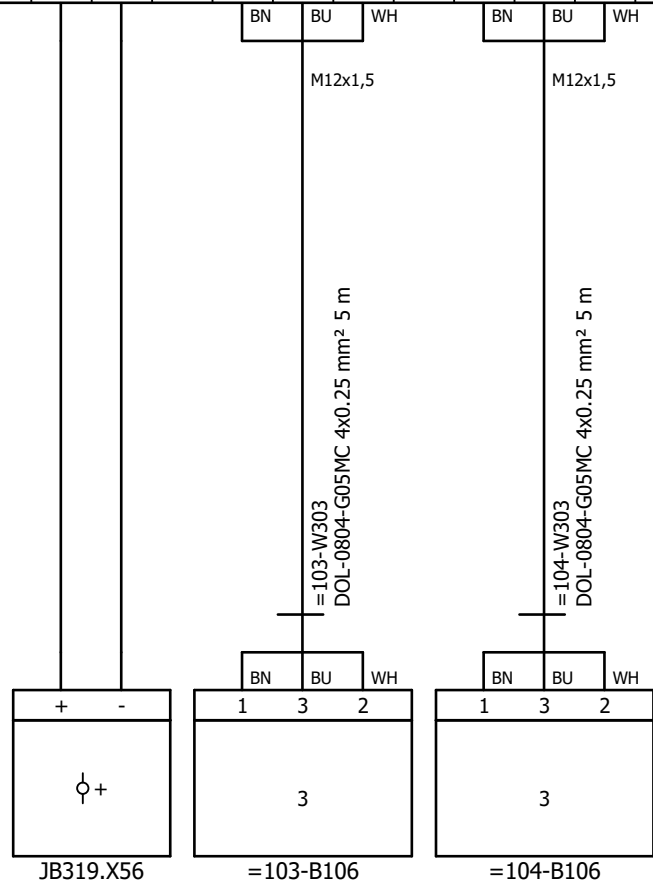
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 DRAWING NUMBER VAN AARSEN
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TERMINAL STRIP

JB319.X7

| FUNCTION TEXT | PAGE/COLUMN |
|--|--------------|
| CONTROL CURRENT 24VDC JB319 | =0_3RIO/19.5 |
| CONTROL CURRENT 24VDC JB319 | =0_3RIO/19.5 |
| CONTROL CURRENT 24VDC JB319 | =0_3RIO/19.6 |
| SLIDE - HO 1-A VALVE ACTUAL POSITION (4 - 20 mA) | =103/2.11 |
| SLIDE - HO 1-A VALVE ACTUAL POSITION (4 - 20 mA) | =103/2.11 |
| SLIDE - HO 1-A VALVE ACTUAL POSITION (4 - 20 mA) | =103/2.13 |
| SLIDE - HO 1-A VALVE ACTUAL POSITION (4 - 20 mA) | =103/2.13 |
| SLIDE - HO 1-A VALVE ACTUAL POSITION (4 - 20 mA) | =104/2.11 |
| SLIDE - HO 1-A VALVE ACTUAL POSITION (4 - 20 mA) | =104/2.11 |
| SLIDE - HO 1-A VALVE ACTUAL POSITION (4 - 20 mA) | =104/2.13 |

TERMINAL NUMBER



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PROJECT DESCRIPTION AGROECO ECOMIX - RUSSIA
FEEDMILL 40 T/H CCP3
PAGE DESCRIPTION TERMINAL STRIP JB319.X7

DRAUGHTSMAN JRo
CREATOR SDi
DATE 22.09.2020
CHANGED 26.10.2020

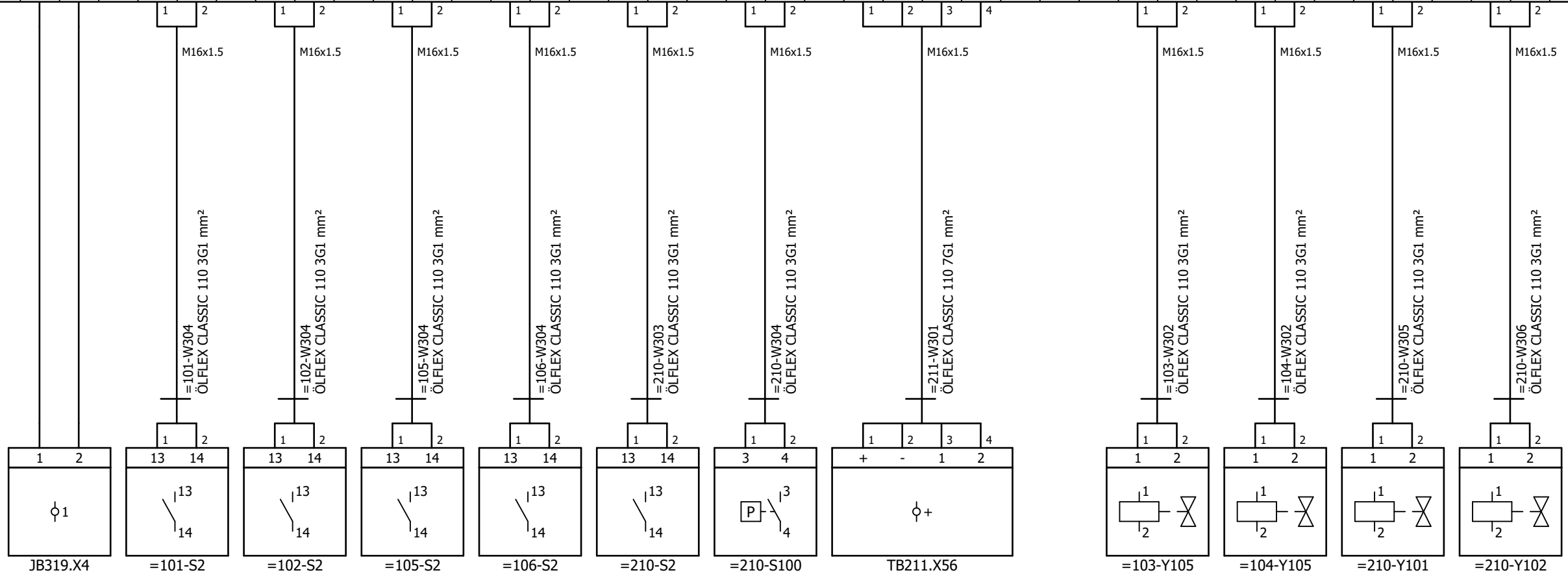
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HIGHER-LEVEL DESCRIPTION TERMINAL
ITEM TERMINAL
FIELD

DRAWING NUMBER 20108 v0.3 CCP3
DRAWING NUMBER VAN AARSEN
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TERMINAL STRIP

JB319.X56

| TERMINAL NUMBER | FUNCTION TEXT | PAGE/COLUMN |
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| φ+ | CONTROL CURRENT 24VDC JB319 | =0_3RIO/19.3 |
| φ- | CONTROL CURRENT 24VDC JB319 | =0_3RIO/19.3 |
| φ0 | CONTROL CURRENT 24VDC JB319 | =0_3RIO/19.4 |
| φ+ | SCREW CONVEYOR MOTOR WORK SWITCH (0 = FAULT) | =101/5.3 |
| φ1 | SCREW CONVEYOR MOTOR WORK SWITCH (0 = FAULT) | =101/5.3 |
| φ+ | SCREW CONVEYOR MOTOR WORK SWITCH (0 = FAULT) | =102/4.3 |
| φ2 | SCREW CONVEYOR MOTOR WORK SWITCH (0 = FAULT) | =102/4.3 |
| φ+ | SCREW CONVEYOR MOTOR WORK SWITCH (0 = FAULT) | =105/4.3 |
| φ3 | SCREW CONVEYOR MOTOR WORK SWITCH (0 = FAULT) | =105/4.3 |
| φ+ | SCREW CONVEYOR MOTOR WORK SWITCH (0 = FAULT) | =106/4.3 |
| φ4 | SCREW CONVEYOR MOTOR WORK SWITCH (0 = FAULT) | =106/4.3 |
| φ+ | SLIDE - HO DOSING UNIT HYDRO PUMP WORK SWITCH (0 = FAULT) | =210/3.3 |
| φ5 | SLIDE - HO DOSING UNIT HYDRO PUMP WORK SWITCH (0 = FAULT) | =210/3.3 |
| φ+ | SLIDE - HO DOSING UNIT PRESSURE SENSOR ACCUMULATOR OK (0 = FAULT) | =210/3.6 |
| φ6 | SLIDE - HO DOSING UNIT PRESSURE SENSOR ACCUMULATOR OK (0 = FAULT) | =210/3.6 |
| φ+ | ITEM 211 SLIDE | =211/1.3 |
| φ- | ITEM 211 SLIDE | =211/1.3 |
| φ7 | SLIDE - HO 1-2 VALVE OPEN (1 = OPENING) | =211/1.5 |
| φ8 | SLIDE - HO 1-2 VALVE CLOSED (1 = CLOSED) | =211/1.8 |
| φ9 | SPARE | =211/1.8 |
| φ10 | SPARE | =211/1.9 |
| φ11 | SPARE | =211/1.9 |
| φ101 | SLIDE - HO 1-A VALVE SELECT (1 = SELECTED) | =103/2.4 |
| φ102 | SLIDE - HO 1-A VALVE SELECT (1 = SELECTED) | =103/2.4 |
| φ103 | SLIDE - HO 1-A VALVE SELECT (1 = SELECTED) | =104/2.4 |
| φ104 | SLIDE - HO 1-A VALVE SELECT (1 = SELECTED) | =104/2.4 |
| φ105 | SLIDE - HO DOSING UNIT HYDRAULIC VALVE MOVEMENT (0 = DIRECTION CLOSING) | =210/4.4 |
| φ106 | SLIDE - HO DOSING UNIT HYDRAULIC VALVE MOVEMENT (0 = DIRECTION CLOSING) | =210/4.4 |
| φ107 | SLIDE - HO DOSING UNIT HYDRAULIC VALVE ACCUMULATOR (0 = ACC. OPEN) | =210/4.8 |
| φ108 | SLIDE - HO DOSING UNIT HYDRAULIC VALVE ACCUMULATOR (0 = ACC. OPEN) | =210/4.8 |



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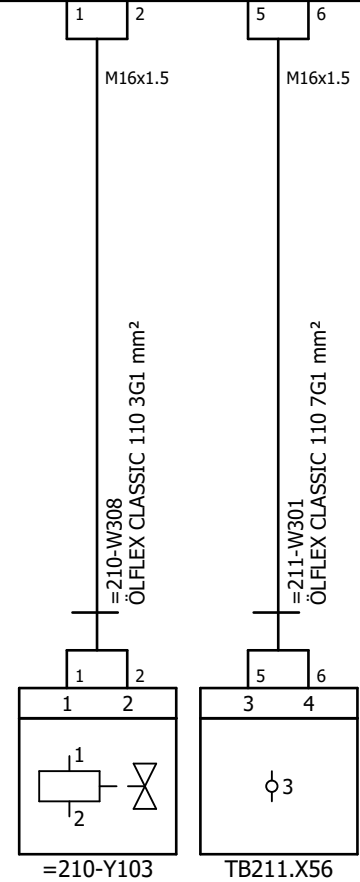
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FEEDMILL 40 T/H CCP3
PAGE DESCRIPTION TERMINAL STRIP JB319.X56

DRAUGHTSMAN JRo
CREATOR SDi
DATE 22.09.2020
CHANGED 26.10.2020

HIGHER-LEVEL FUNCTION = TERMINAL
HIGHER-LEVEL DESCRIPTION TERMINAL
ITEM TERMINAL
FIELD

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| | FUNCTION TEXT | SLIDE - HO DOSING UNIT HYDRAULIC VALVE BYPASS (0 = BYPASS) | SLIDE - HO DOSING UNIT HYDRAULIC VALVE BYPASS (0 = BYPASS) | SLIDE AO (1-2) VALVE OPEN (1 = OPENING) | SLIDE AO (1-2) VALVE OPEN (1 = OPENING) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TERMINAL NUMBER | | Ø 109 | Ø 110 | Ø 111 | Ø 112 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



v. AARSEN INT. B.V.
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PROJECT DESCRIPTION AGROECO ECOMIX - RUSSIA
 FEEDMILL 40 T/H CCP3
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DRAUGHTSMAN JRo
 CREATOR SDi
 DATE 22.09.2020
 CHANGED 26.10.2020

HIGHER-LEVEL FUNCTION =TERMINAL
 HIGHER-LEVEL DESCRIPTION TERMINAL
 ITEM TERMINAL
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TERMINAL STRIP

JB320.X4

PAGE/COLUMN

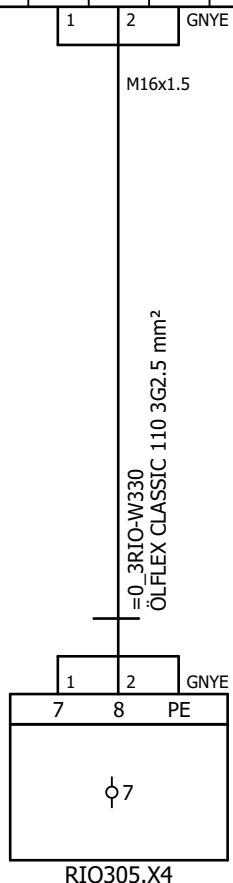
=0_3RIO/25.3
=0_3RIO/25.3
=0_3RIO/25.4

FUNCTION TEXT

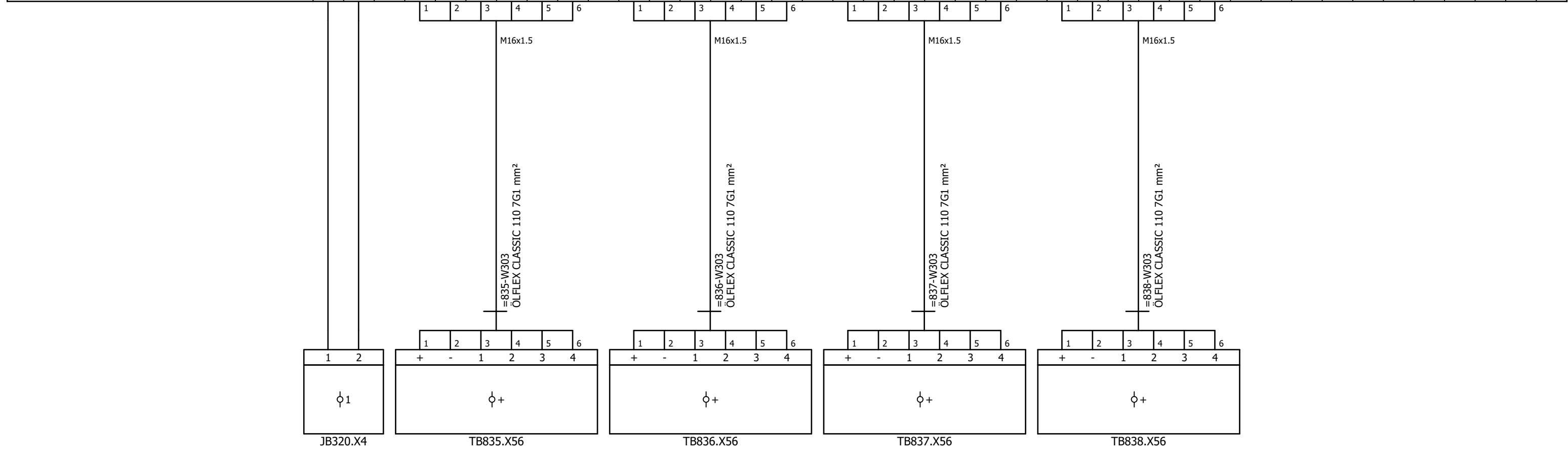
CONTROL CURRENT 24VDC JB320
CONTROL CURRENT 24VDC JB320
CONTROL CURRENT 24VDC JB320

TERMINAL NUMBER

φ1 φ2 φPE



| TERMINAL STRIP | FUNCTION TEXT | PAGE/COLUMN |
|----------------|---|--------------|
| JB320.X56 | CONTROL CURRENT 24VDC JB320 | =0_3RIO/25.3 |
| | CONTROL CURRENT 24VDC JB320 | =0_3RIO/25.3 |
| | CONTROL CURRENT 24VDC JB320 | =0_3RIO/25.4 |
| | ITEM 835 BULK LOADING BELLOW | =835/2.3 |
| | ITEM 835 BULK LOADING BELLOW | =835/2.3 |
| | BULK LOADING BELLOW MOTOR WORK SWITCH (0 = FAULT) | =835/2.5 |
| | BULK LOADING BELLOW LOADING ENABLE (1 = ENABLE) | =835/2.8 |
| | BULK LOADING BELLOW PRODUCT INDICATOR PRODUCT (1 = PRODUCT) | =835/2.11 |
| | SPARE | =835/2.11 |
| | ITEM 836 BULK LOADING BELLOW | =836/2.3 |
| | ITEM 836 BULK LOADING BELLOW | =836/2.3 |
| | BULK LOADING BELLOW MOTOR WORK SWITCH (0 = FAULT) | =836/2.5 |
| | BULK LOADING BELLOW LOADING ENABLE (1 = ENABLE) | =836/2.8 |
| | BULK LOADING BELLOW PRODUCT INDICATOR PRODUCT (1 = PRODUCT) | =836/2.11 |
| | SPARE | =836/2.11 |
| | ITEM 837 BULK LOADING BELLOW | =837/2.3 |
| | ITEM 837 BULK LOADING BELLOW | =837/2.3 |
| | BULK LOADING BELLOW MOTOR WORK SWITCH (0 = FAULT) | =837/2.5 |
| | BULK LOADING BELLOW LOADING ENABLE (1 = ENABLE) | =837/2.8 |
| | BULK LOADING BELLOW PRODUCT INDICATOR PRODUCT (1 = PRODUCT) | =837/2.11 |
| | SPARE | =837/2.11 |
| | ITEM 838 BULK LOADING BELLOW | =838/2.3 |
| | ITEM 838 BULK LOADING BELLOW | =838/2.3 |
| | BULK LOADING BELLOW MOTOR WORK SWITCH (0 = FAULT) | =838/2.5 |
| | BULK LOADING BELLOW LOADING ENABLE (1 = ENABLE) | =838/2.8 |
| | BULK LOADING BELLOW PRODUCT INDICATOR PRODUCT (1 = PRODUCT) | =838/2.11 |
| | SPARE | =838/2.11 |
| | SPARE | =838/2.12 |



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 PANHEEL
 THE NETHERLANDS

PROJECT DESCRIPTION AGROECO ECOMIX - RUSSIA
 FEEDMILL 40 T/H CCP3
 PAGE DESCRIPTION TERMINAL STRIP JB320.X56

DRAUGHTSMAN JRo
 CREATOR SDi
 DATE 22.09.2020
 CHANGED 26.10.2020

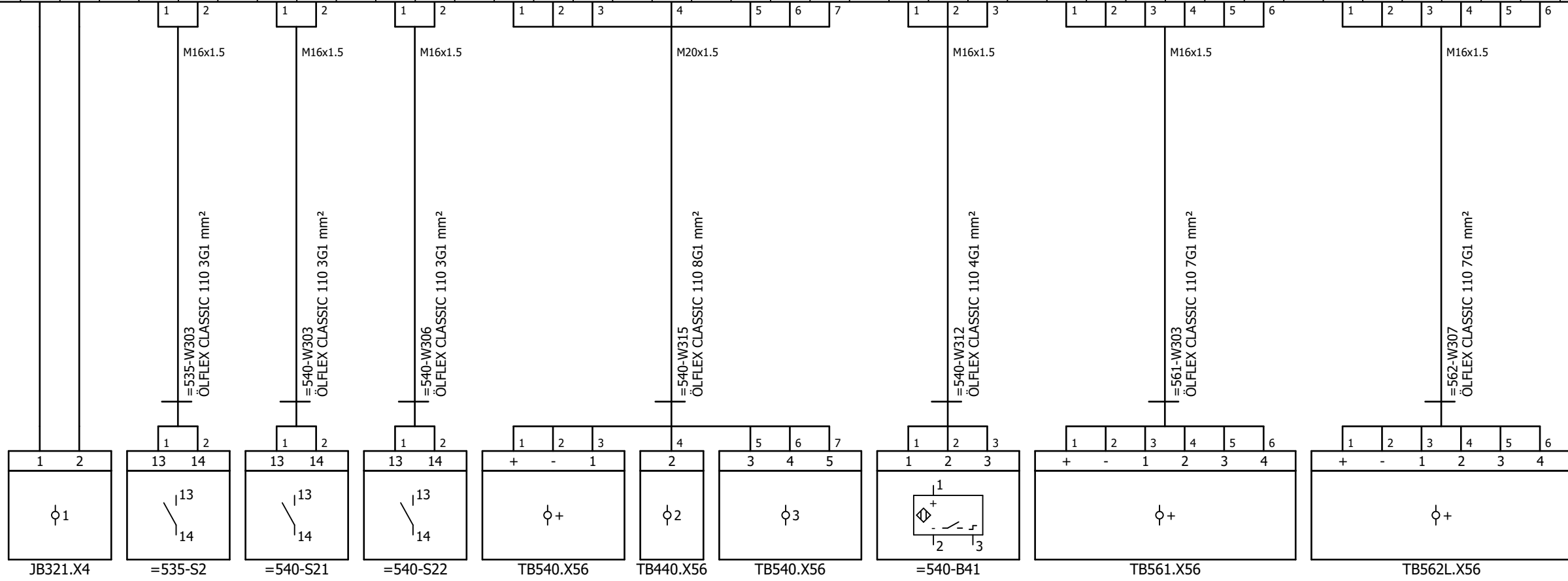
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 HIGHER-LEVEL DESCRIPTION TERMINAL
 ITEM TERMINAL
 FIELD

DRAWING NUMBER 20108 v0.3 CCP3
 DRAWING NUMBER VAN AARSEN
 PROJECT NUMBER SPIE-VDM 05601.20.1127
 PAGE 82 /262

TERMINAL STRIP

JB321.X56

| TERMINAL NUMBER | FUNCTION TEXT | PAGE/COLUMN |
|-----------------|---|--------------|
| φ+ | CONTROL CURRENT 24VDC JB321 | =0_3RIO/25.7 |
| φ- | CONTROL CURRENT 24VDC JB321 | =0_3RIO/25.7 |
| φ0 | CONTROL CURRENT 24VDC JB321 | =0_3RIO/25.8 |
| φ+ | ROTARY VALVE MOTOR WORK SWITCH (0 = FAULT) | =535/3.3 |
| φ1 | ROTARY VALVE MOTOR WORK SWITCH (0 = FAULT) | =535/3.3 |
| φ+ | COOLER TK SINGLE MOTOR PELLET DISTRIBUTOR WORK SWITCH (0 = FAULT) | =540/3.3 |
| φ2 | COOLER TK SINGLE MOTOR PELLET DISTRIBUTOR WORK SWITCH (0 = FAULT) | =540/3.3 |
| φ+ | COOLER TK SINGLE MOTOR HYDRO PUMP WORK SWITCH (0 = FAULT) | =540/6.3 |
| φ3 | COOLER TK SINGLE MOTOR HYDRO PUMP WORK SWITCH (0 = FAULT) | =540/6.3 |
| φ+ | ITEM 540 GRID 1 | =540/7.3 |
| φ- | ITEM 540 GRID 1 | =540/7.3 |
| φ4 | COOLER TK SINGLE VALVE GRID 1 TO LEFT (1 = TO LEFT) | =540/7.8 |
| φ5 | COOLER TK SINGLE VALVE GRID 1 TO RIGHT (1 = TO RIGHT) | =540/7.10 |
| φ6 | COOLER TK SINGLE VALVE GRID 1 IN LEFT POSITION (1 = LEFT) | =540/8.3 |
| φ7 | COOLER TK SINGLE VALVE GRID 1 IN MIDDLE POSITION (1 = MIDDLE) | =540/8.6 |
| φ8 | COOLER TK SINGLE VALVE GRID 1 IN RIGHT POSITION (1 = RIGHT) | =540/8.9 |
| φ+ | COOLER TK SINGLE LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =540/8.12 |
| φ- | COOLER TK SINGLE LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =540/8.12 |
| φ9 | COOLER TK SINGLE LEVEL INDICATOR HIGH LEVEL (0 = PRODUCT) | =540/8.12 |
| φ+ | ITEM 561 SCREW CONVEYOR | =561/3.3 |
| φ- | ITEM 561 SCREW CONVEYOR | =561/3.3 |
| φ10 | SCREW CONVEYOR MOTOR WORK SWITCH (0 = FAULT) | =561/3.5 |
| φ11 | SCREW CONVEYOR OVERFLOW OK (0 = FAULT) | =561/3.8 |
| φ12 | SPARE | =561/3.9 |
| φ13 | SPARE | =561/3.9 |
| φ+ | ITEM 562 BUCKET ELEVATOR | =562/4.3 |
| φ- | ITEM 562 BUCKET ELEVATOR | =562/4.3 |
| φ14 | BUCKET ELEVATOR SPEED MONITOR PULSE (1 = PULSE) | =562/4.5 |
| φ15 | BUCKET ELEVATOR MIS ALIGNMENT BOTTOM (0 = FAULT) | =562/4.8 |
| φ16 | BUCKET ELEVATOR MIS ALIGNMENT BOTTOM (0 = FAULT) | =562/4.11 |
| φ17 | BUCKET ELEVATOR MIS ALIGNMENT BOTTOM (0 = FAULT) | =562/4.11 |
| φ18 | SPARE | =562/4.12 |



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|---------------------|---|
| PROJECT DESCRIPTION | AGROECO ECOMIX - RUSSIA FEEDMILL 40 T/H CCP3 |
| PAGE DESCRIPTION | TERMINAL STRIP JB321.X56 |

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|-------------|------------|
| DRAUGHTSMAN | JRo |
| CREATOR | SDi |
| DATE | 22.09.2020 |
| CHANGED | 26.10.2020 |

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|--------------------------|------------|
| HIGHER-LEVEL FUNCTION | = TERMINAL |
| HIGHER-LEVEL DESCRIPTION | TERMINAL |
| ITEM | TERMINAL |
| FIELD | |

| | |
|---------------------------|-----------------|
| DRAWING NUMBER | 20108 v0.3 CCP3 |
| DRAWING NUMBER VAN AARSEN | |
| PROJECT NUMBER SPIE-VDM | 05601.20.1127 |
| PAGE | 84 /262 |