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Designation for 3U, 1/1x19" casing with 1 TRM

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Compression or ringlug terminals
Communication module COM05

Ethernet RJ45 connection only for LHI and PC-tools

Ethemet, LC optical

RS485_GND
RS485_RX TERM
RS485_RX +
RS485_TX TERM
RS485_SIG GND
RS485_GND
RS485_RX -
RS485_TX +
RS485_TX -
RS485_SIG GND
IRIG-B -
IRIG-B_GND
IRIG-B +
IRIG-B_GND

Optical serial port, ST connector

X304 C1-1
+ 2 BI01 // QA1_OPEN
+ 3 BI02 // QA1_CLOSED
+ 4 BI03 // QA1_SFR_CHRG
+ 5 C4-6
+ 6 BI04 // QA1_SF5_LOW
+ 7 BI05 // QA9_OPEN
+ 8 BI06 // QA9_CLOSED
+ 8 C7-9 // QC9_CLOSED
+ 10 BI07 // QC9_OPEN
+ 11 BI08 // QC9_CLOSED
+ 12 BI09 // BLOCK_CMD
+ 13 C10-12
+ 14 BI10 // EXT_START_UP
+ 15 BI11 // ACTV_TESTMODE
+ 16 BI12 // RESET_LOCKOUT

Observe polarity sequence of RL connectors
Observe polarity sequence
Power supply module PSM02 48–125 VDC

Observe polarity sequence
Power supply module PSM03 110–250 VDC, 100–240 VAC

Observe polarity sequence

CONFIGURATION
QA1_TRIP
QA1_TRIP
SPARE
QA1_CLOSE_CMD
QA1_CLOSE_CMD
GENERAL_ALARM
QB_CLOSE_CMD
QB_CLOSE_CMD
PROT_TRIP

RF
INTERNAL FAIL

READY
FAIL

PROTECTIVE EARTH

EL
Transformer module TRM01

- Indicates high polarity. Note that internal polarity can be adjusted by setting of analog input CT neutral direction and or on SMAI pre-processing function blocks.
Binary input/output module B1001

Observe polarity sequence of RL connectors

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**Configuration**
- C1: QB1_OPEN_CMD
- C2: QB1_OPEN_CMD
- C3: QC9_OPEN_CMD
- C4: QC1_OPEN_CMD
- C5: QC1_OPEN_CMD
- C6: QA1_BFP_BU_TRI
- C7: SPARE
- C8: TESTMODE.ACT
- C9: QA1_LOCKOUT

**RL**
- B101: CHANGE.LOCK
- B2: C2-3
- B3: SPARE
- B4: SPARE
- B5: LINE.VTM CB_OK
- B6: WA1.VTM CB_OK
- B7: C6-7
- B8: QB1_OPEN
- B9: QB1_CLOSED
- B10: C6-9
- B11: QC1_OPEN
- B12: QC1_CLOSED

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Binary input/output module B1001

Observe polarity sequence of RL connectors
Binary input/output module B1001

Observe polarity sequence of RL connectors.