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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 LMM and PC-tools

Ethernet, LC optical

RS485_GNDC  2
RS485_BX TERM  3
RS485_RX  4
RS485_TX TERM  5
RS485_SIG GND  6
RS485_GND  7
RS485_RX  8
RS485_TX  9
RS485_SIG GND  10
IRIG-B  11
IRIG-B_GNDC  12
IRIG-B  13
IRIG-B_GND  14

Rx/Tx

LMM

LAN 1

BI01
BI02
BI03
BI04
BI05
BI06
BI07
BI08
BI09
BI10
BI11
BI12

Observe polarity sequence
Power supply module PSM01 24–30 VDC

Configuration plant adapted
T1, BK111 TR_A
T2, BK111 TR_B
T3, BK111 TR C
T4, AUTO_SC_OK
T5, MAN_SC_OK
T6, GENERAL_ALARM
S1, SPARE
S2, SPARE
S3, GENERAL_TRIP

Auxiliary supply EL
Protective earth
Normal
Fail

Observe polarity sequence
Power supply module PSM02 48–125 VDC

Configuration plant adopted

T1, BRK1_TR_L, T2, BRK2_TR_L, T3, BRK3_TR_L, T4, AUTO_SC_OK, T5, MAN_SC_OK, T6, GENERAL_ALARM
S1, SPARE, S2, SPARE, S3, GENERAL_TRIP

Auxiliary supply EL
Protective earth
Normal
Fail

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

Configuration plant adopted:

- T1, BK21, TR_A
- T2, BK21, TR_B
- T3, BK1, TR_C
- T4, AUTO, SC_OK
- T5, MAN_SC_OK
- T6, GENERAL, ALARM
- S1, SPARE
- S2, SPARE
- S3, GENERAL, Trip
- Protective earth
- Normal
- Fail

Observe polarity sequence
Transformer module TRM01

CT/VT CONFIG=4I+1H+5U

BKR1_CT_PH_A
BKR1_CT_PH_B
BKR1_CT_PH_C
SPARE
IP
X102

A01 1/5A
A02 1/5A
A03 1/5A
A04 1/5A
A05 0.1/0.5A
A06 100-220V
A07 100-220V
A08 100-220V
A09 100-220V
A10 100-220V

Indicates polarity mark. Note that internal polarity can be adjusted by setting of analog input CT neutral direction and or on SMAX pre-processing function blocks.
Binary input/output module BI001

Configuration plant adapted

Observe polarity sequence