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Rear view slot

- pPSM
- p2
- pCOM

1/1x19"

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

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<td>X336, X339</td>
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</table>

Rear view terminal

Compression or ringlug terminals
Communication module COM05

- Ethernet, RJ45 connection only for HMI and PC-tools
- Ethernet, LC optical

X0 - X8

RS485_GNDC
RS485_BX_TERM
RS485_RX
RS485_TX TERM
RS485_SIG GND
RS485_GND
RS485_RX
RS485_TX
RS485_TX GND
IRG-B
IRG-B_GND
IRG-B +
IRG-B GND

X9 - X30

RX/TX

Observe polarity sequence

Configuration plant adapted

References: ABB AB

DocNo: 1MRK006502-MD

Agneta Rydhh
Prepared 2013-01-24

Patric Nyhock
Approved 2013-01-29

Tecl Connection Diagram
RED950 (HZ/3PI) A03A

Symbols
Configuration plant adapted

T1 Z1_DIFF_TRIP
T2 Z2_DIFF_TRIP
T3 Z3_DIFF_TRIP
T4 Z1_DIFF_TRIP
T5 Z2_DIFF_TRIP
T6 Z3_DIFF_TRIP
S1 BUS1_V_TRIP
S2 BUS2_V_TRIP
S3 500F_TRIP

Auxiliary supply EL
Protective earth
Normal
Fail

Power supply module PSM01 24-30 VDC

Observe polarity sequence
Power supply module PSM02 48–125 VDC

Configuration plant adopted

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

Configuration plant adopted

T1, T2, T3, T4, T5, T6, S1, S2, S3

Auxiliary supply EL
Protective earth

Normal
Fail

Observe polarity sequence
Transformer module TRM01

*Indicates polarity mark. Note that internal polarity can be adjusted by setting of analog input CT neutral direction and or on SMAl pre-processing function blocks.*
Indicates polarity mark. 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 BI001

Configuration plant adapted

C1  CIR.Prot_Run
C2  BUS-L_V_Trip
C3  BUS2_L_V_Trip
S1  UL_L Diff_Trip
S2  UL2_L Diff_Trip
S3  UL3_L Diff_Trip
S4  ALARM_Bat+TS
S5  500F_Trip
S6  BI01  BI02  BI03  BI04  BI05  BI06  BI07  BI08  BI09

BI01  BI02  BI03
BI04  BI05  BI06  BI07  BI08  BI09

Observe polarity sequence