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

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<th>Module</th>
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<td>BI01</td>
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<tr>
<td>BI01</td>
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<td>BI01</td>
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<tr>
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<td>X336, X339</td>
</tr>
</tbody>
</table>

Compression or ringlug terminals
Communication module COM05

Ethernet, RJ45 connection only for LHHI and PC-tools

Ethernet, LC optical

RS485_GND
RS485_RX
RS485_TX
RS485_SIG GND
R485_GND
RS485_RX
RS485_TX
RS485_SIG GND
IRIG-B
IRIG-B_GND
IRIG-B
IRIG-B_GND

Optical serial port, ST connector

Rx/Tx

LHHI
LAN 1

B01
B02
B03
B04
B05
B06
B07
B08
B09
B10
B11
B12

Configuration rules: adapted

Inlet: TI_AUTOCtrl
TJ_FAILURE

Alarm: 20LV

A07A

1MRK006502-ED

ABB

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Prepared: 2013-01-24
Approved: 2013-01-29

Teko Connection Diagram

Rev. 1
Configuration plant adapted

T1  T1_TRIP
T2  T2_TRIP
T3  SPARE
T4  T1_TRIP
T5  T2_TRIP
T6  SPARE
S1  SPARE
S2  SPARE
S3  SPARE

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

T1, T1_PIP  
T2, T2_PIP  
T3, T3_SPADE  
T4, T4_PIP  
T5, T5_PIP  
T6, T6_SPADE  
S1, S1_SPADE  
S2, S2_SPADE  
S3, S3_SPADE

Auxiliary supply EL

Protective earth

Normal

Full

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

Observe polarity sequence
Transformer module TRM01

CT/VT CONFIG=6.14-4U

T1_WDG2_IA
T1_WDG2_IB
T1_WDG2_IC
T2_WDG2_IA
T2_WDG2_IB
T2_WDG2_IC
T1_WDG2_VAB
T1_WDG2_VO
T2_WDG2_VAB
T2_WDG2_VO

\[ x_{101} \]
\[ x_{102} \]
\[ \begin{array}{c}
2 \quad 3 \quad \text{A01 1/5A} \\
3 \quad 4 \quad \text{A02 1/5A} \\
4 \quad 5 \quad \text{A03 1/5A} \\
5 \quad 6 \quad \text{A04 1/5A} \\
6 \quad 7 \quad \text{A05 1/5A} \\
7 \quad 8 \quad \text{A06 1/5A} \\
8 \quad 9 \quad \text{A07 100-220V} \\
9 \quad 10 \quad \text{A08 100-220V} \\
10 \quad 11 \quad \text{A09 100-220V} \\
11 \quad 12 \quad \text{A10 100-220V} \\
\end{array} \]

\( \square \) Indicates polarity mark. Note that internal polarity can be adjusted by setting of analog input CT neutral direction and/or on SMDI pre-processing function blocks.
Binary input/output module B1001

Observe polarity sequence
Binary input/output module BI001

Observe polarity sequence

Configuration plant adapted

C1 SPARE
C2 T2-VAISE
C3 T2-LOWER
S1 T2-VAISE
S2 T2-LOWER
S3 L2T22-AUTOBK
S4 L2T22-HUNTING
S5 SPARE
B09 T2-CONPROG
B01 T2-POS_BD01
B02 T2-POS_BD02
B03 T2-POS_BD03
B04 T2-POS_BD04
B05 T2-POS_BD05
B06 T2-POS_BD06
B07 T2-POS_BD07
B08 PARALLEL
B08 ACTIV_TESTMODE

Based on
Prepared 2013-01-24
Approved 2013-01-29

Project

Name

Pentti Nyback

Agneta Rydberg

Tele Connection Diagram
RE1620 [20LTIControl] 1407A ANSI symbols

Decodes.

Complied

References