



TEMPERATURE MONITORING RELAY FOR IO-LINK
PT100/1000, KTY83/84, NTC 1 TO 3 SENSORS, 2
LIMIT VALUES -50 DEGR. C TO 750 DEGR. C 3X1W,
WIDTH 45 MM SCREW TERMINAL

General technical data:		
Type of voltage		DC
Control supply voltage 1 at DC		
• rated value	V	24
• Initial rated value	V	18
• Final rated value	V	30
Number of measuring circuits		3
Product function		
• Fault storage		Yes
• External reset		Yes
Measurable temperature		
• initial value	°C	-50
• Full-scale value	°C	750
Equipment marking acc. to DIN EN 61346-2		K
Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750		K
Ambient temperature during operation	°C	-25 ... +60
Communication/ Protocol:		

Type of voltage supply via input/output link master		Yes
IO-Link transfer rate		COM2 (38,4 kBaud)
Protocol is supported IO-Link protocol		Yes
Amount of data		
• of the address area of the outputs with cyclical transfer total	byte	2
• of the address area of the inputs with cyclical transfer total	byte	4
Point-to-point cycle time between master and IO-Link device minimum	ms	10

Mechanical data:

Type of electrical connection		
• for auxiliary and control current circuit		screw-type terminals
Design of the sensor connectable		PT100/1000, KTY83/84, NTC (resistance sensors)
Number of NC contacts for auxiliary contacts		0
Number of NO contacts for auxiliary contacts		0
Number of CO contacts for auxiliary contacts		3
Width	mm	45
Height	mm	106
Depth	mm	91

Certificates/ approvals:

General Product Approval

other



[Confirmation](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<http://www.siemens.com/industrymall>

Cax online generator

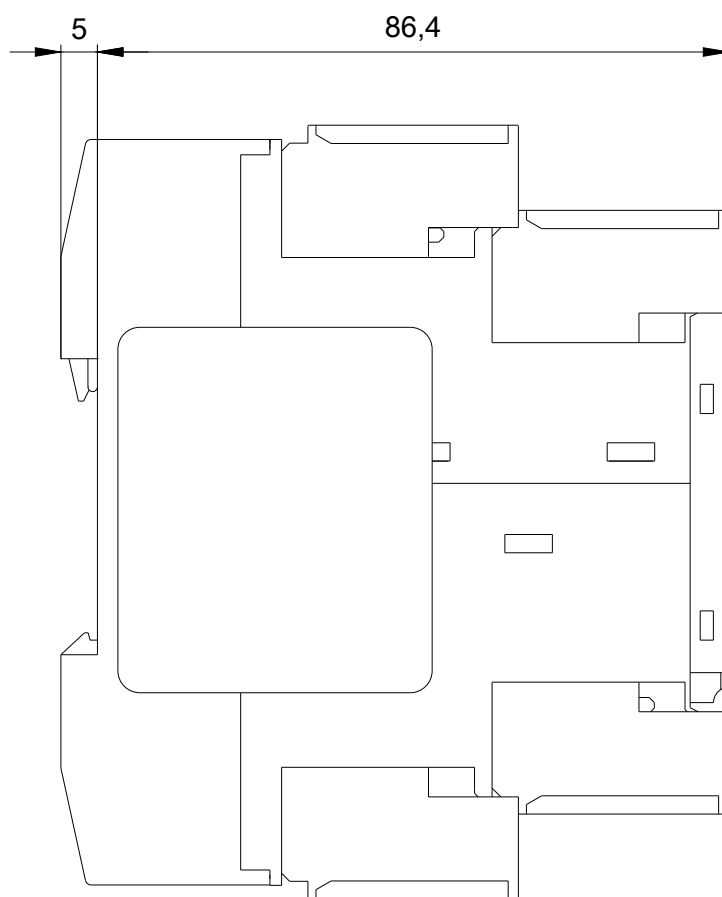
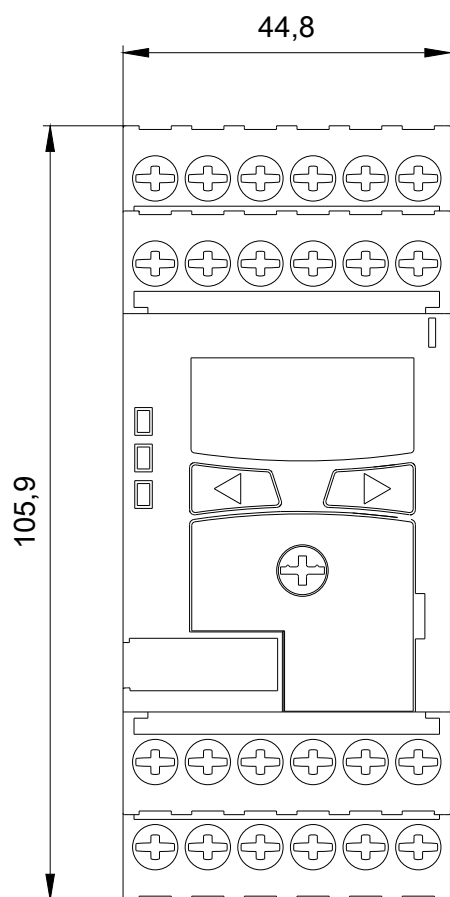
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RS1441-1HB50>

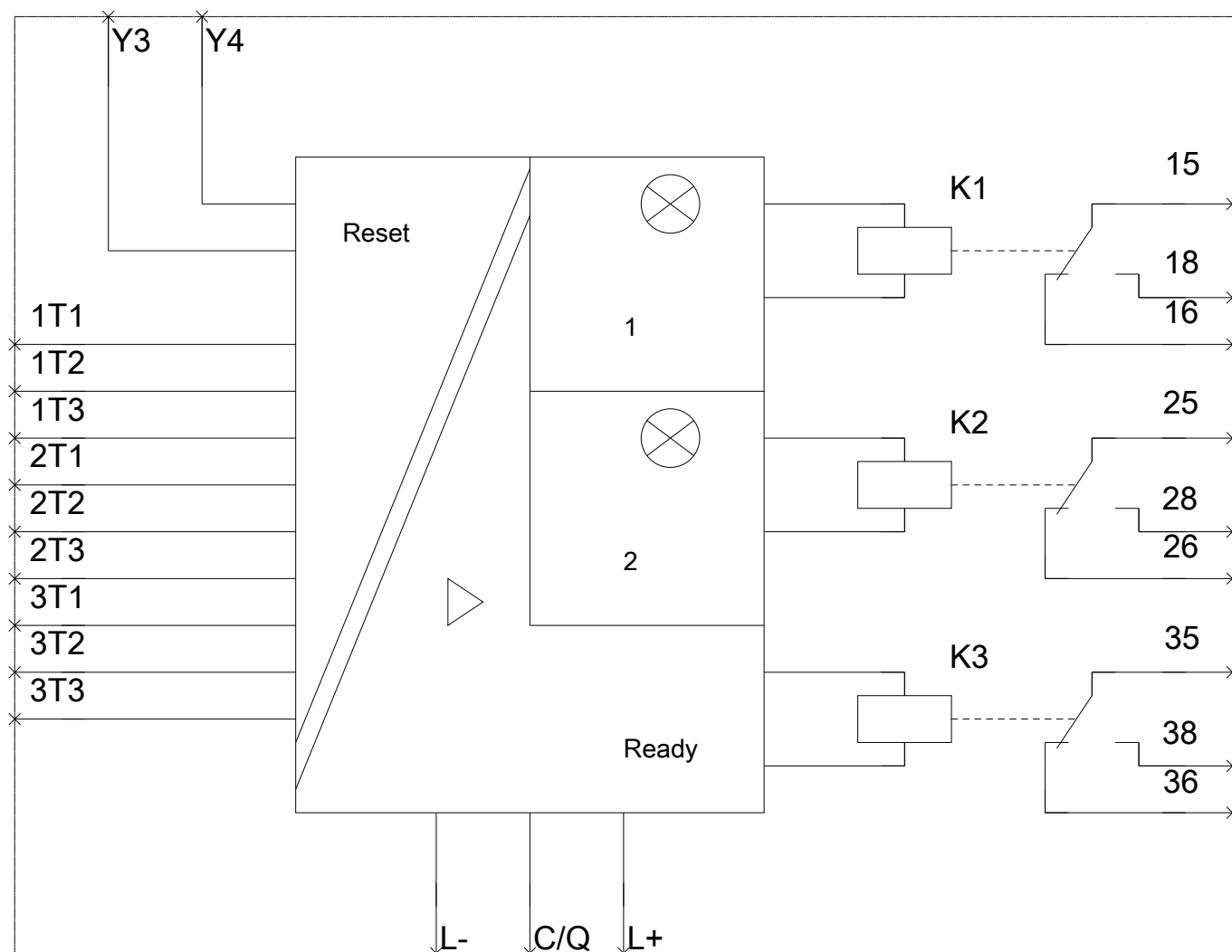
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RS1441-1HB50>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RS1441-1HB50&lang=en





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