SIEMENS

Product data sheet 3RS1042-2GD70

TEMPERATURE MONITORING RELAY PT100/1000 KTY83/84,
NTC, 2 THRESHOLDS, DIGITAL,
-50 DEGREES C TO 750 DEGREES C (SENSOR-DEPENDENT),
24 V AC/DC, 2 X 1 CO + 1 NO,
WIDTH 45 MM, SPRING-LOADED TERMINAL

General technical details:		
type of voltage		AC/DC
Supply voltage frequency		
• 1 / for auxiliary and control current circuit		
• initial rated value	Hz	50
• final rated value	Hz	60
• 1 / at 50 Hz / for AC / rated value	V	24
• 1 / at 60 Hz / for AC / rated value	V	24
• 1 / for DC / rated value	V	24
Number of measuring circuits		1
Product function		
• defect storage		Yes
• reset external		Yes
Measurable temperature		
• initial value	°C	-50
• final value	°C	750
Item designation / according to DIN EN 61346-2		K
Item designation / according to DIN 40719 extendable after IEC 204-2 / according to IEC 750		K
Ambient temperature		
• during operating	°C	-25 … +60

subject to modifications
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Mechanical design:

Design of the electrical connection		
• for auxiliary and control current circuit		spring-loaded terminals
• jumper socket		Yes
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		1
Number of change-over switches / for auxiliary contacts		2
Width	mm	45
Height	mm	108
Depth	mm	91

Certificates/approvals:

General Product Approval			other	
CCC	GOST	UL	Declaration of Conformity	Environmental Confirmations

Further information:

Information- and Downloadcenter (Catalogs, Brochures,…)
http://www.siemens.com/industrial-controls/catalogs

Industry Mall (Online ordering system)
http://www.siemens.com/industrial-controls/mall

Cax online generator:
http://www.siemens.com/cax

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
http://support.automation.siemens.com/WW/view/en/3RS1042-2GD70/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RS1042-2GD70

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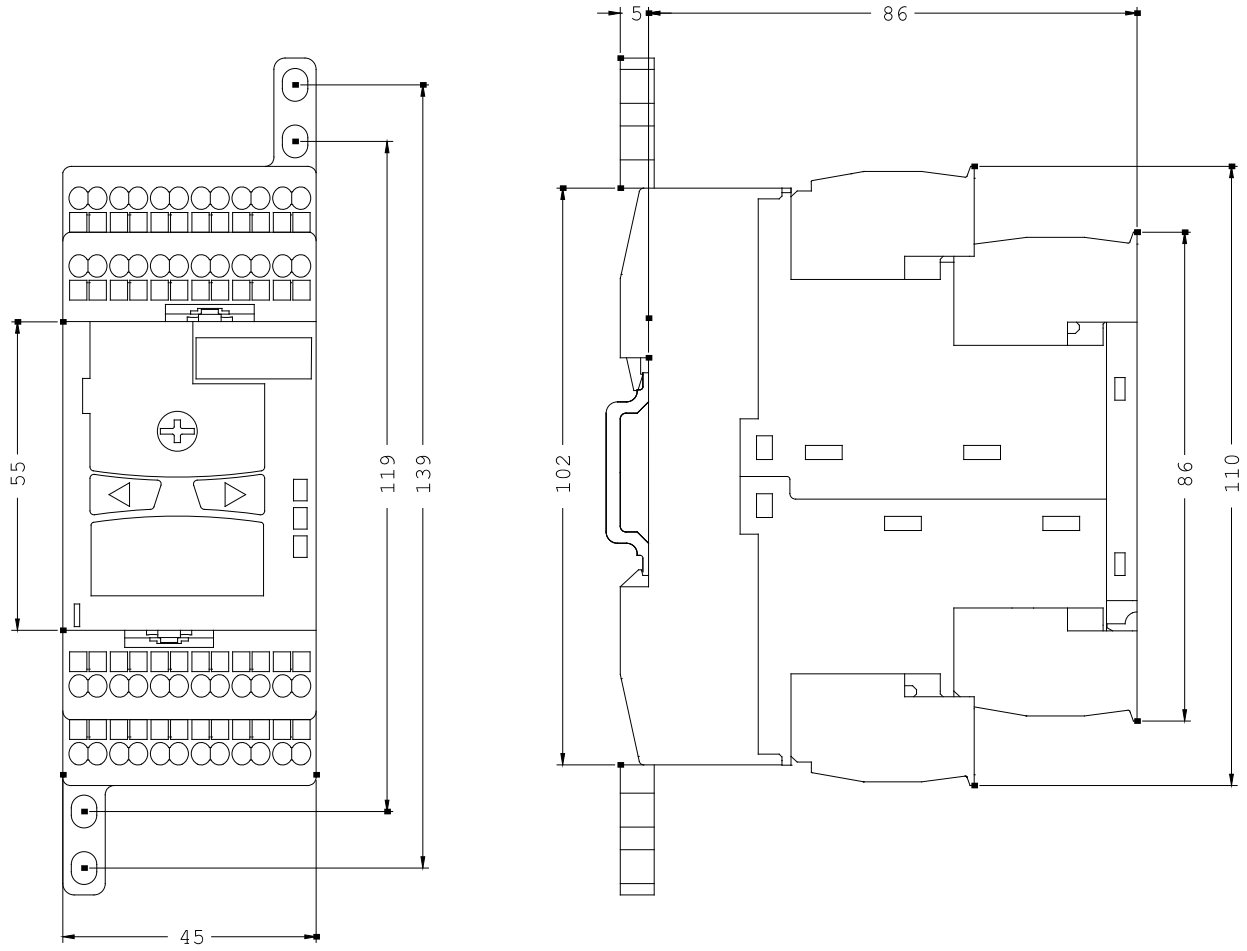

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