



TEMPERATURE MONITORING RELAY PT100/1000
 KTY83/84, NTC, 2 THRESHOLDS, DIGITAL, -50
 DEGREES C TO 750 DEGREES C (SENSOR-
 DEPENDENT), 24 V TO 240 V AC/DC, 2 X 1 CO + 1
 NO, WIDTH 45 MM, SPRING-LOADED TERMINAL

General technical data:




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
Control supply voltage 1 with AC		
• at 50 Hz		
— Initial rated value	V	24
— Final rated value	V	240
• at 60 Hz		
— Initial rated value	V	24
— Final rated value	V	240
Control supply voltage 1 for DC		
• Initial rated value	V	24
• Final rated value	V	240
Number of measuring circuits		1
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

Mechanical data:

Type of electrical connection		spring-loaded terminals
<ul style="list-style-type: none"> • for auxiliary and control current circuit • Plug-in 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 CO contacts for auxiliary contacts		2
Width	mm	45
Height	mm	108
Depth	mm	91

Certificates/ approvals:

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

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

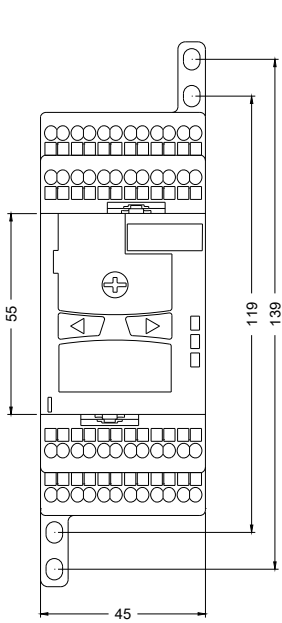
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RS10422GW70>

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

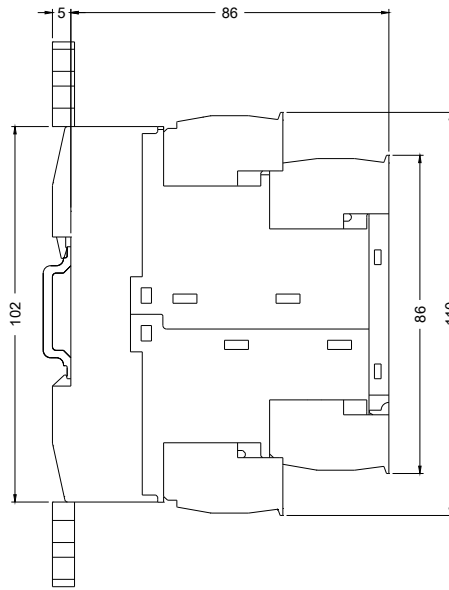
<http://support.automation.siemens.com/WW/view/en/3RS10422GW70/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RS10422GW70&lang=en>



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