



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, SCREW TERMINAL

General technical details:

Type of voltage		AC/DC
Supply voltage frequency		
<ul style="list-style-type: none"> • 1 / for auxiliary and control current circuit <ul style="list-style-type: none"> • Initial rated value • Final rated value • 1 / with AC / at 50 Hz / Initial rated value • 1 / with AC / at 50 Hz / Final rated value • 1 / with AC / at 60 Hz / Initial rated value • 1 / with AC / at 60 Hz / Final rated value • 1 / for DC / Initial rated value • 1 / for DC / Final rated value 	<ul style="list-style-type: none"> Hz Hz V V V V V V 	<ul style="list-style-type: none"> 50 60 24 240 24 240 24 240
Number of measuring circuits		1
Product function		
<ul style="list-style-type: none"> • Fault storage • External reset 		<ul style="list-style-type: none"> Yes Yes
Measurable temperature		
<ul style="list-style-type: none"> • initial value • Full-scale value 	<ul style="list-style-type: none"> °C °C 	<ul style="list-style-type: none"> -50 750
Reference code / acc. to DIN EN 61346-2		K

Reference code / acc. to DIN 40719 extended according to IEC 204-2 / acc. to IEC 750		K
Ambient temperature • during operation	°C	-25 ... +60

Mechanical design:

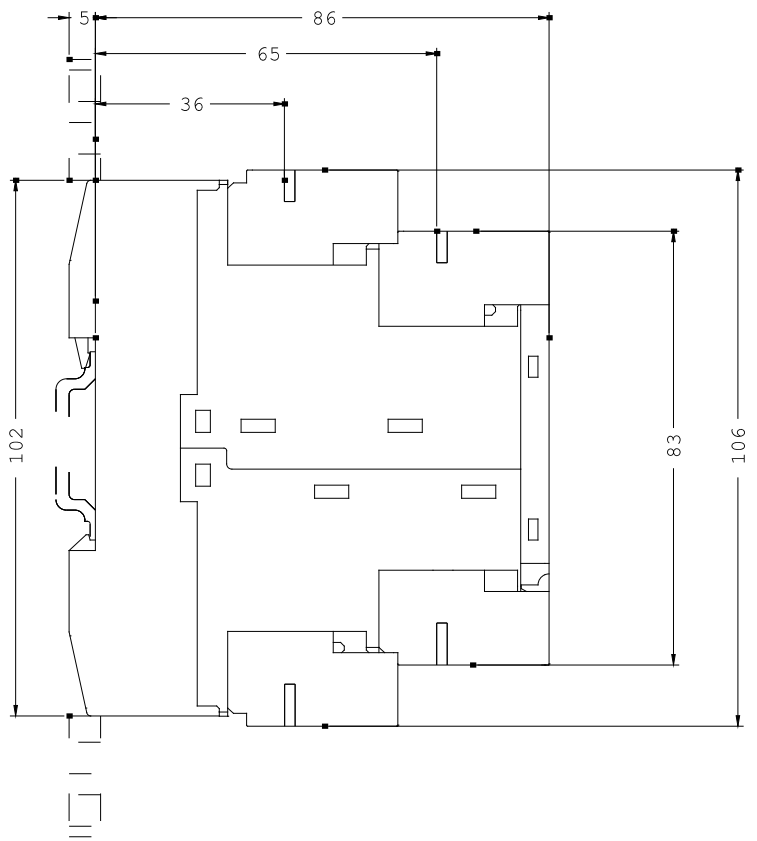
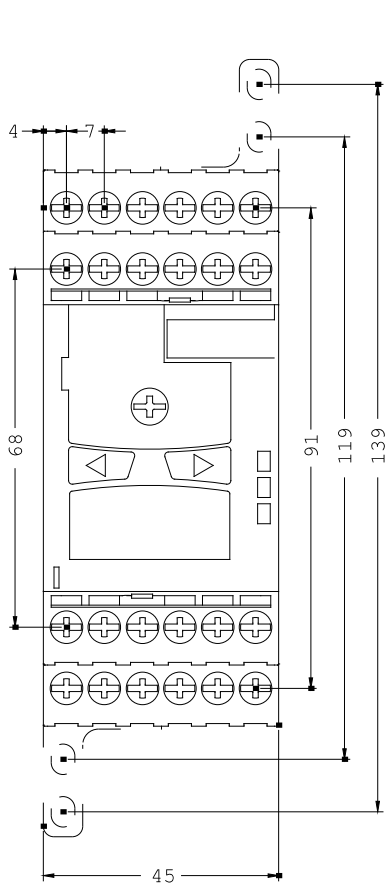
Design of the electrical connection • for auxiliary and control current circuit • Plug-in socket		screw-type terminals Yes
Design of the sensor / connectable		PT100/1000, KTY83/84, NTC (resistance sensors)
Number of NC contacts / for auxiliary contacts		0
Number of NO contacts / for auxiliary contacts		1
Number of CO contacts / for auxiliary contacts		2
Width	mm	45
Height	mm	106
Depth	mm	91

Certificates/approvals:

General Product Approval	other
 CCC  EAC  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/3RS1042-1GW70/all
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RS1042-1GW70



last change:

Nov 3, 2014