SIEMENS

Data sheet	3RS1101-1CK20

Figure similar

temperature monitoring relay Thermocouple type K, overshoot 1 threshold value, width 22.5 mm 0 °C to 200 °C 110-120/220-240 V AC 1 NO + 1 NC, quiescent current principle screw terminal !!!phased-out product!!! the preferred successor is 3RS2500-1AW30

product brand name	SIRIUS
product designation	Temperature monitoring relay
design of the product	Overshoot, 1 threshold value
product type designation	3RS11
General technical data	
reference code according to IEC 81346-2	K
measurable temperature	
● initial value	0 °C
● full-scale value	200 °C
Substance Prohibitance (Date)	05/01/2012
SVHC substance name	Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8
Weight	0.18 kg
product function	
● error memory	No
● external reset	No
design of the sensor connectable	type K (thermocouple)
Control circuit/ Control	
type of voltage	AC
control supply voltage 1 at AC	
● at 50 Hz rated value	110 V
● at 60 Hz rated value	110 V
control supply voltage 2 at AC	
● at 50 Hz rated value	230 V
● at 60 Hz rated value	230 V
supply voltage frequency for auxiliary and control circuit	50 ... 60 Hz
number of measuring circuits	1
Auxiliary circuit	
number of NC contacts for auxiliary contacts	1
number of NO contacts for auxiliary contacts	1
number of CO contacts for auxiliary contacts	0
Connections/ Terminals	
type of electrical connection for auxiliary and control circuit	screw-type terminals
type of electrical connection plug-in socket	Yes
Installation/ mounting/ dimensions	
fastening method	screw and snap-on mounting onto 35 mm DIN rail
height	102 mm
width	22.5 mm
depth	91 mm

Ambient conditions

ambient temperature during operation	-25 ... +60 °C

Approvals Certificates

General Product Approval

CCC — Confirmation — CE EG-Konf. — UKCA — UL — EAC

EMV	Test Certificates	other	Environment
KC	Type Test Certificates/Test Report	Confirmation	Environmental Confirmations

Further information

Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,…)
https://www.siemens.com/ic10

Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RS1101-1CK20

Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RS1101-1CK20

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3RS1101-1CK20
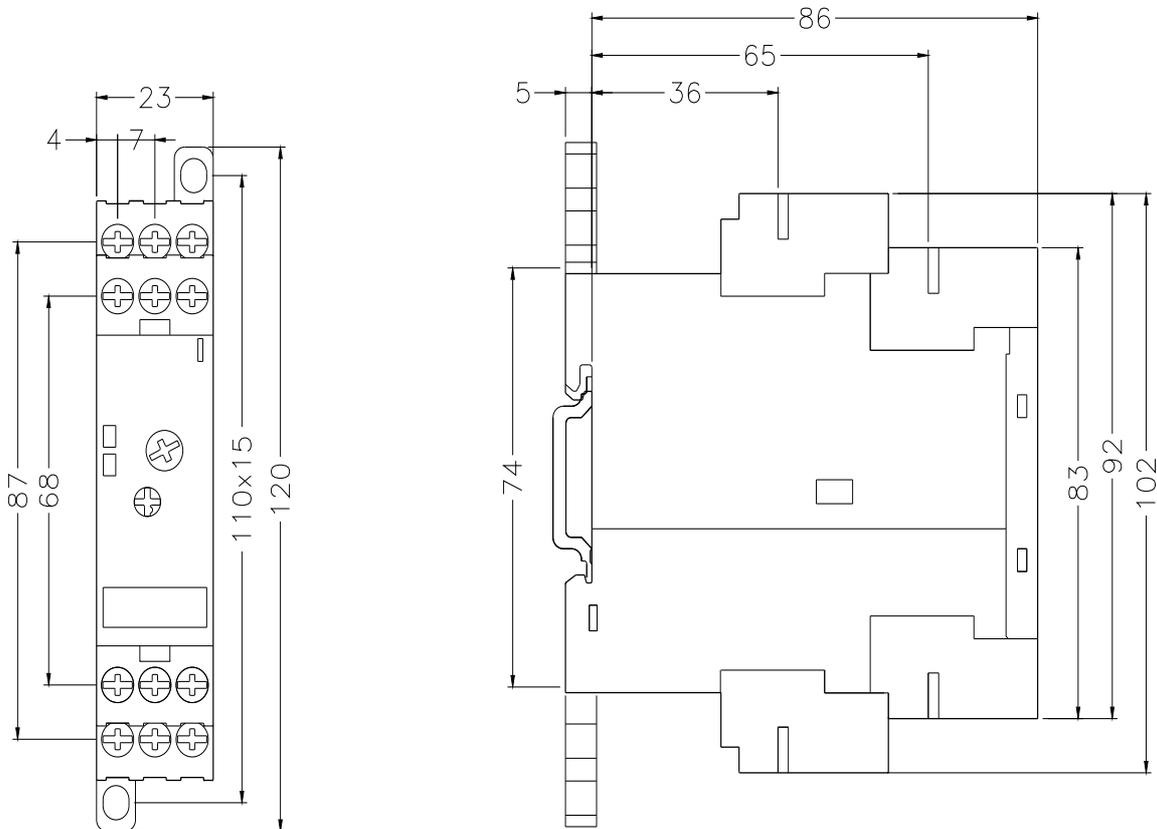
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RS1101-1CK20&lang=en

Characteristic: Derating
https://support.industry.siemens.com/cs/ww/en/ps/3RS1101-1CK20/manual

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