



Figure similar

temperature monitoring relay Thermocouple J,K, T,E, N,S, R,B 2 threshold values digitally adjustable -99 °C to 1800 °C (sensor-dependent) 24-240 V AC/DC 2 x 1 CO + 1 NO, width 45 mm spring-loaded terminal !!!phased-out product!!! the preferred successor is 3RS2600-2BW30

product brand name
product designation
design of the product
product type designation

SIRIUS
Temperature monitoring relay
2 threshold values, digitally adjustable
3RS11

General technical data

reference code according to IEC 81346-2 K
measurable temperature
• initial value -99 °C
• full-scale value 1 800 °C
Substance Prohibitance (Date) 05/01/2012
product function
• error memory Yes
• external reset Yes
design of the sensor connectable type J, K, T, E, N (thermocouple)

Control circuit/ Control

type of voltage AC/DC
control supply voltage 1 at AC
• at 50 Hz 24 ... 240 V
• at 60 Hz 24 ... 240 V
control supply voltage 1
• at DC 24 ... 240 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 0
number of NO contacts for auxiliary contacts 1
number of CO contacts for auxiliary contacts 2

Connections/ Terminals

type of electrical connection for auxiliary and control circuit spring-loaded 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 108 mm
width 45 mm
depth 91 mm

Ambient conditions

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

Certificates/ approvals

General Product Approval

Declaration of Conformity



[Confirmation](#)



other

[Confirmation](#)

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=3RS1142-2GW80>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RS1142-2GW80>

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

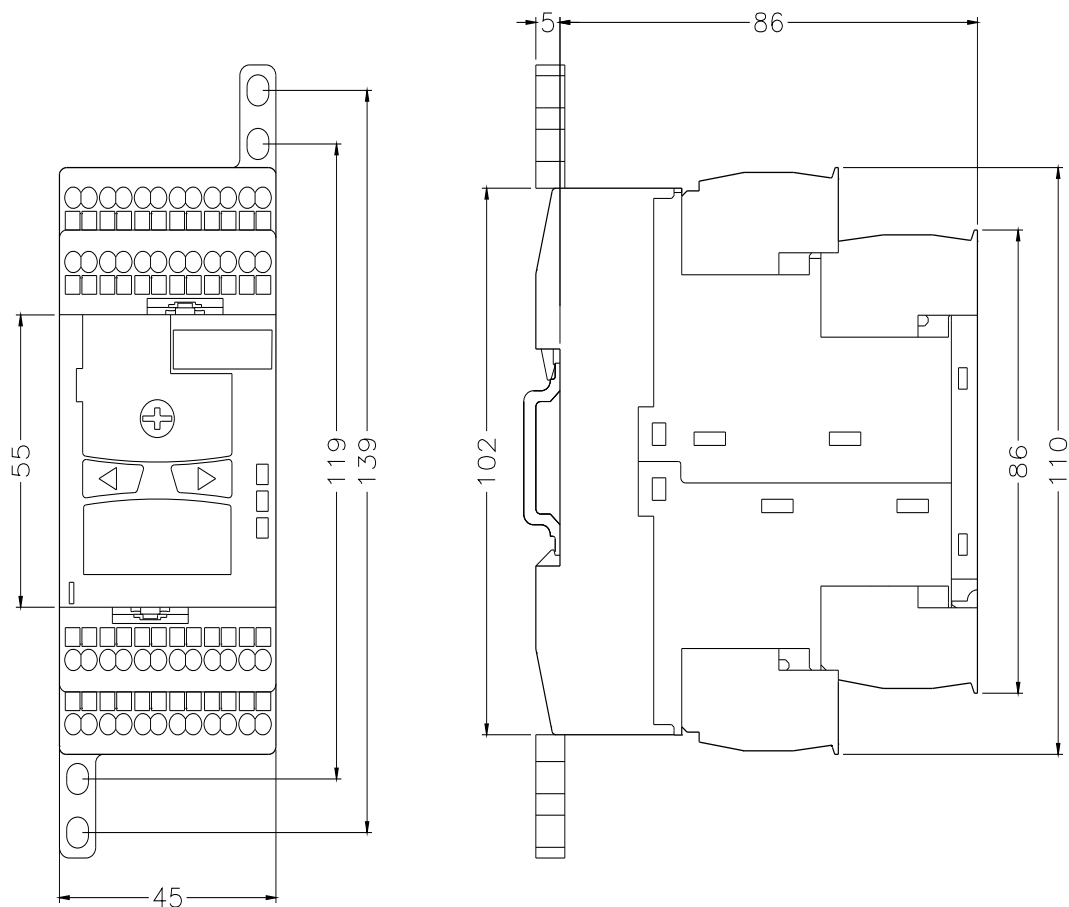
<https://support.industry.siemens.com/cs/ww/en/ps/3RS1142-2GW80>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RS1142-2GW80&lang=en

Characteristic: Derating

<https://support.industry.siemens.com/cs/ww/en/ps/3RS1142-2GW80/manual>



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