



OVERLOAD RELAY 0.1...0.4 A FOR MOTOR
PROTECTION SIZE S0,
CLASS 20 CONTACTOR ASS. MAIN CIRCUIT: SCREW
CONN. AUX.CIRCUIT: SCREW CONN. MANUAL-AUTOM.-
RESET

General technical data:

product brand name		SIRIUS
Product designation		solid-state overload relay
Size of overload relay		S0
Number of poles / for main current circuit		3
Product function / removable terminal for auxiliary and control circuit		Yes
Product function		
• overload protection		Yes
• phase disturbance recognition		Yes
• short-circuit to earth recognition		No
Product component		
• auxiliary switch		Yes
• trip indicator		Yes
Insulation voltage / with degree of pollution 3 / rated value	V	690
Impulse voltage resistance / rated value	kV	6
Protection class IP		
• of the terminal		IP20
• on the front		IP20
Protection against electrical shock		finger-safe

Main circuit:

Control circuit/ Control:

Type of voltage supply / via input/ output link master		No
Voltage type / for auxiliary and control circuit		AC/DC

Auxiliary circuit:

Number of NC contacts / for auxiliary contacts		1
Number of NO contacts / for auxiliary contacts		1
Number of changeover contacts / for auxiliary contacts		0
Design of the fuse link / for short-circuit protection of the auxiliary switch / required		fuse gL/gG: 6 A

Protective and monitoring functions:

Trip class		CLASS 20
Adjustable response current		
of the current-dependent overload release	A	0.1 ... 0.4

Installation/ mounting/ dimensions:

Mounting type		direct mounting
mounting position		any
Depth	mm	84
Height	mm	87
Width	mm	45
Arrangement of electrical connectors / for main current circuit		Top and bottom

Connections/ terminals:

Design of the electrical connection		
for main current circuit		screw-type terminals
for auxiliary and control current circuit		screw-type terminals
Type of the connectable conductor cross-section		
for main contacts		
solid or multi-stranded		1x (1 ... 10 mm²), 2x (1 ... 10 mm²)
finely stranded		
with conductor end processing		1x (1 ... 6 mm²), 2 x (1 ... 6 mm²), 1x 10 mm²
for AWG conductors / for main contacts		1x (16 ... 8), 2x (16 ... 8)
for auxiliary contacts		
solid or multi-stranded		1x (0,5 ... 4 mm²), 2x (0,5 ... 1,5 mm²), 2x (0,75 ... 2,5 mm²)
finely stranded		
with conductor end processing		1x (0.5 ... 1.5 mm²), 2x (0.5 ... 1.5 mm²), 1x (0.5 ... 2.5 mm²)
for AWG conductors / for auxiliary contacts		1x (20 ... 14), 2x (20 ... 14)

UL/CSA ratings:

Contact rating designation / for auxiliary contacts / according to UL

B600 / R300

Certificates/ approvals:

General Product Approval

EMC

For use in
hazardous
locations



CCC



CSA



UL



C-TICK



ATEX

Test Certificates

[Special Test
Certificate](#)

[Type Test
Certificates/Test
Report](#)

Shipping Approval



ABS



BUREAU
VERITAS



GL



LRS



RINA

other

[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/industrymall>

Cax online generator

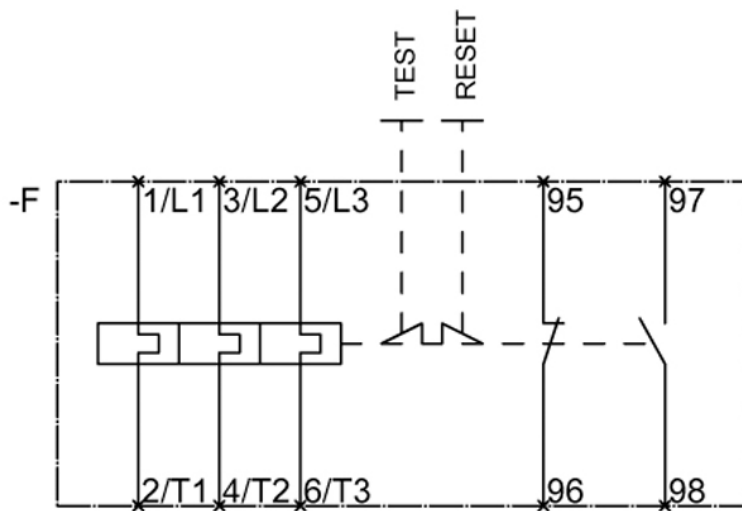
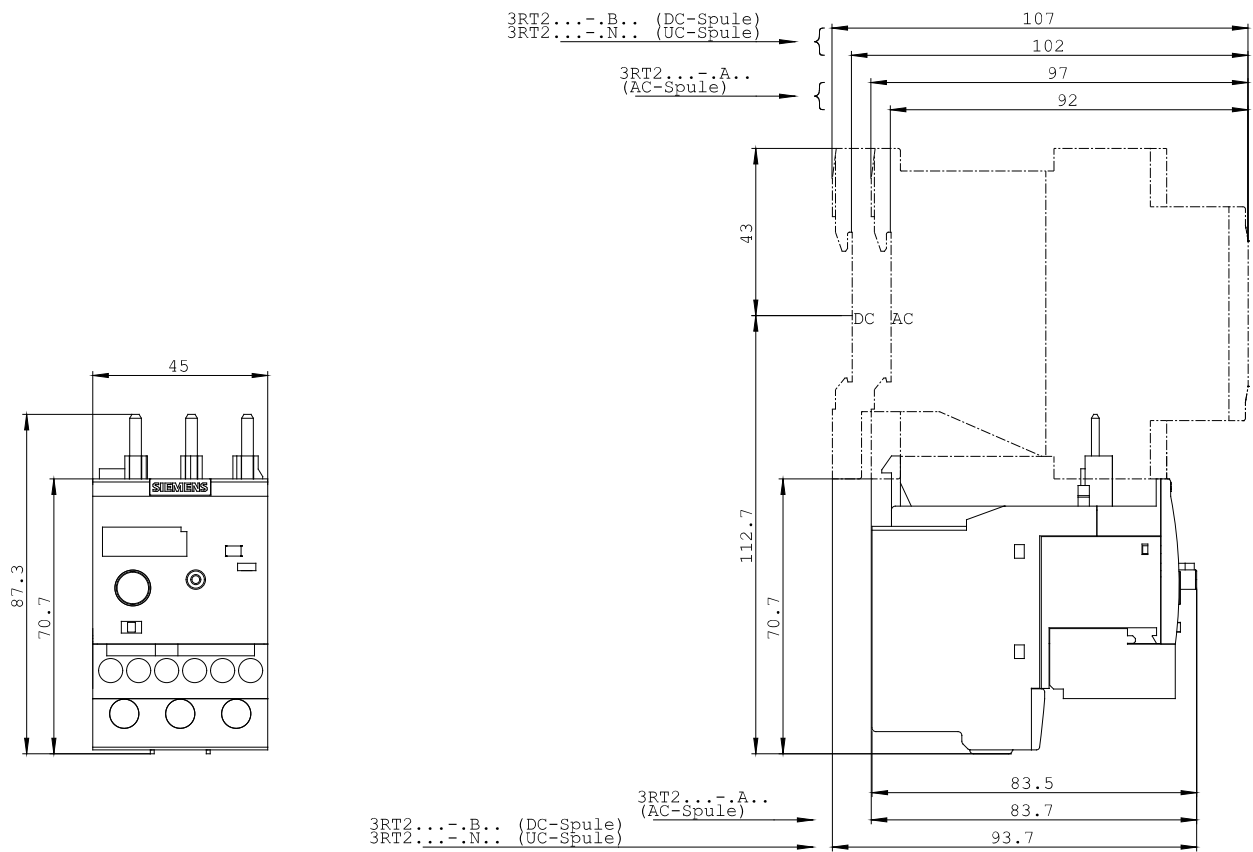
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RB3026-2RB0/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RB3026-2RB0



last change:

Aug 4, 2014