



OVERLOAD RELAY, 14...20 A, 1NO+1NC,
 SIZE S2, CLASS 10,
 FOR CONTACTOR MOUNTING

General technical details:

Product brand name		SIRIUS
product designation		thermal overload relay
Protection class IP / on the front		IP20
Insulation voltage / with degree of pollution 3 / rated value	V	690
Installation altitude / at a height over sea level / maximum	m	2,000
Ambient temperature		
• during operating	°C	-20 ... +70
• during storage	°C	-55 ... +80
• during transport	°C	-55 ... +80
Relative humidity / during operating phase / maximum	%	100
Resistance against shock		8g / 10 ms
Impulse voltage resistance / rated value	kV	6
Active power loss / total / typical	W	9
Item designation		
• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750		F
• according to DIN EN 61346-2		F
Operating current / of the fuse link / rated value	A	50
Trip class		CLASS 10

Height	mm	105
Width	mm	55
Depth	mm	118
Distance, to be maintained, to the ranks assembly		
• upwards	mm	0
• downwards	mm	0
• forwards	mm	0
• backwards	mm	0
• sideways	mm	0
Distance, to be maintained, to earthed part		
• upwards	mm	0
• downwards	mm	0
• forwards	mm	0
• backwards	mm	0
• sideways	mm	6
Distance, to be maintained, conductive elements		
• upwards	mm	0
• downwards	mm	0
• forwards	mm	0
• backwards	mm	0
• sideways	mm	6

Connection type:




Product function		
• removable terminal for auxiliary and control circuit		No
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		2x (0.75 ... 16 mm ²)
• stranded		2x (0.75 ... 25 mm ²), 0.75 ... 35 mm ²
• finely stranded		
• with conductor end processing		2x (0.75 ... 16 mm ²), 0.75 ... 25 mm ²
• for auxiliary contacts		
• solid		2x (0.5 ... 1.5 mm ²), 2x (0.75 ... 2.5 mm ²)
• finely stranded		
• with conductor end processing		2x (0.5 ... 1.5 mm ²), 2x (0.75 ... 2.5 mm ²)
• for AWG conductors		
• for main contacts		2x (18 ... 3), 1x (18 ... 1)

• for auxiliary contacts		2x (20 ... 16), 2x (18 ... 14)
Conductor cross section that can be connected		
• for main contacts		
• solid	mm ²	0.75 ... 16
• stranded	mm ²	0.75 ... 35
• stranded wire		
• with conductor end processing	mm ²	0.75 ... 25
• for auxiliary contact		
• solid	mm ²	0.5 ... 2.5
• stranded wire		
• with conductor end processing	mm ²	0.5 ... 2.5
AWG number / as coded connectable conductor cross-section		
• for main contacts / minimum		18
• for auxiliary contact		20 ... 14

Certificates/approvals:

Verification of suitability	CSA / UL / CC / GL / LRS / BV / DNV / RMRS / RINA / PRS / ABS
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Verification of suitability / ATEX	Yes
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General Product Approval	For use in hazardous locations	Test Certificates
 KETI  	DEKRA EXAM, DMT	Manufacturer

Shipping Approval



Shipping Approval

other
[Manufacturer](#)



Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

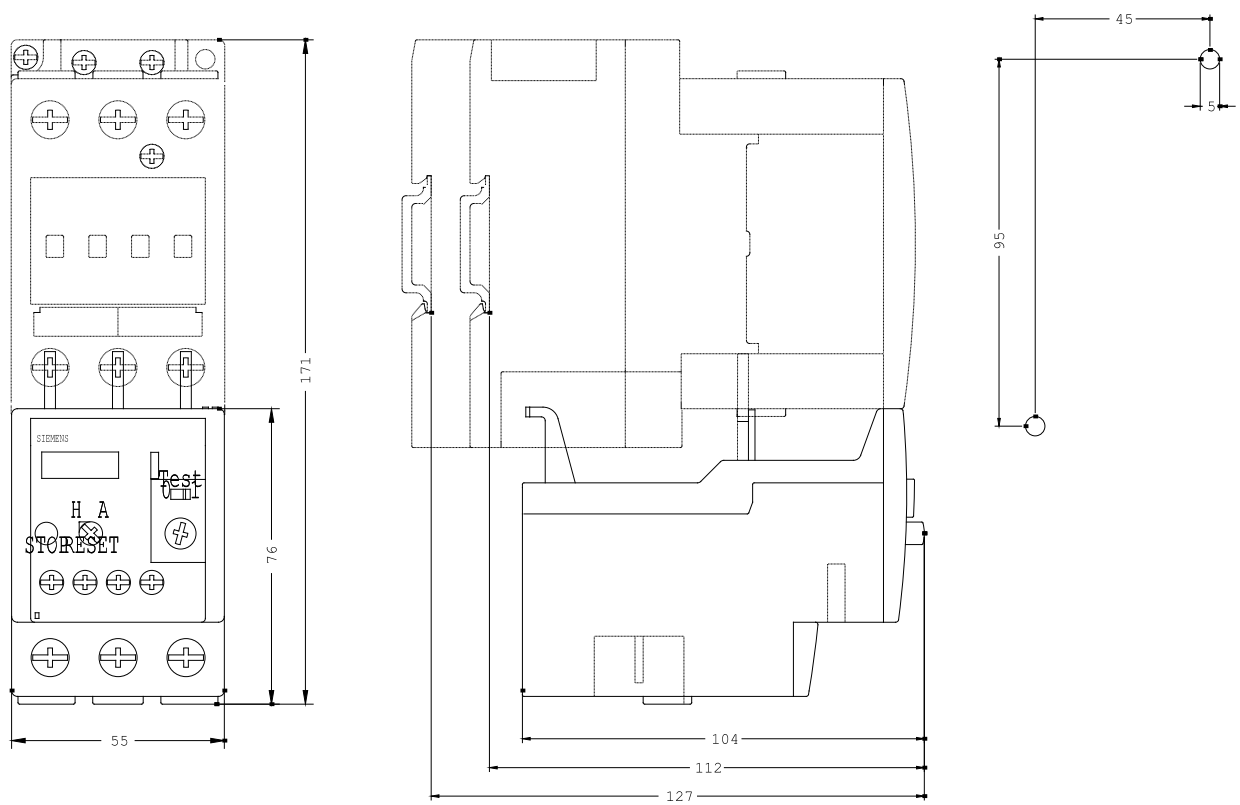
<http://www.siemens.com/industrial-controls/mall>

CAX-Online-Generator

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

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

<http://support.automation.siemens.com/WW/view/en/3RU1136-4BB0/all>



last change:

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