SIEMENS

Product data sheet

3RU2136-4HD0



OVERLOAD RELAY 40... 50 A FOR MOTOR PROTECTION SIZE S2,

CLASS 10 FOR MOUNTING ONTO CONTACTORS MAIN CIRCUIT: SCREW TERMINAL AUX. CIRCUIT: SPRING-T. TERM. MANUAL-AUTOMATIC-RESET.

Gen	eral	tech	nical	data:

	SIRIUS
	3RU2 thermal overload relay
	S2
	S2
	3
	No
	Yes
	Yes
	No
	Yes
	Yes
V	690
kV	6
	IP00
	IP20
	_

Installation altitude / at height above sea level / maximum	m	2,000
Shock resistance / acc. to IEC 60068-2-27		8g / 11 ms
Ambient temperature		
during transport	°C	-55 +80
during storage	°C	-55 +80
during operation	°C	-40 +70
Relative humidity		
during operation	%	090
Type of protection		on request
Active power loss / total / typical	W	11
Main circuit:		
Operating current / Rated value	А	50
Operating voltage / Rated value	V	690
Type of voltage / for main current circuit		AC/DC
Operating frequency		
Rated value	Hz	50 60
Operating current / at AC-3 / at 400 V / Rated value	А	50
Type of assignment		2
Steuerstromkreis		
Type of voltage / for auxiliary and control current circuit		AC/DC
Auxiliary circuit:		
Design of the auxiliary switch		integrated
Number of NC contacts / for auxiliary contacts		1
Number of NO contacts / for auxiliary contacts		1
Number of CO contacts / for auxiliary contacts		0
Design of the fuse link / for short-circuit protection of the auxiliary switch / required		fuse gG: 6 A, quick: 10 A
Operating current / of the auxiliary contacts		
• at AC-15		
• at 24 V	А	3
• at 110 V	А	3
• at 120 V	А	3
• at 125 V	А	3
• at 230 V	А	2
• at 400 V	А	1
• at DC-13		
• at DC-13 • at 24 V	A	2

• at 125 V	А	0.22	
• at 220 V	А	0.11	
Protective and monitoring functions:			
Design of the overload circuit breaker		thermal	
Trip class		CLASS 10	
Adjustable response value current			
of the current-dependent overload release	А	40 50	

Installation/ mounting/ dimensions:		
Mounting type		direct mounting
mounting position		any
Depth	mm	105
Height	mm	90
Width	mm	55

Connections/ terminals:		
Arrangement of electrical connectors / for main current circuit		Top and bottom
Design of the electrical connection		
for main current circuit		screw-type terminals
 for auxiliary and control current circuit 		spring-loaded terminals
Type of connectable conductor cross-section / for main contacts		
single or multi-stranded		2x (1 35 mm²), 1x (1 50 mm²)
• finely stranded		
with core end processing		2x (1 25 mm²), 1x (1 35 mm²)
Type of connectable conductor cross-section / for AWG conductors / for main contacts		2x (18 2), 1x (18 1)
Type of connectable conductor cross-section / for auxiliary contacts		
single or multi-stranded		2x (0,5 2,5 mm²)
finely stranded		
without core end processing		2x (0.5 2.5 mm²)
with core end processing		2x (0.5 1.5 mm²)
Type of connectable conductor cross-section / for AWG conductors / for auxiliary contacts	_	2x (20 14)
UL/CSA ratings:		
Full-load current (FLA) / for three-phase AC motor		
• at 480 V / Rated value	А	50
• at 600 V / Rated value	А	50
Contact rating / of the auxiliary contacts / acc. to UL		B600 / R300

Certificates/ approvals: General Product Approval Declaration of Conformity Type Test Type Test Opping Test







CE EG-Konf.

Type Test Certificates/Test Report

Further information:

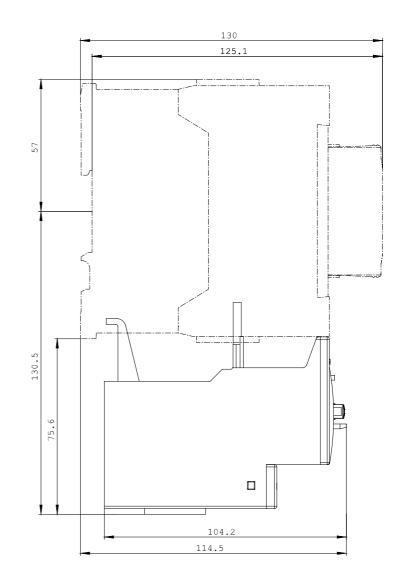
Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/industrial-controls/catalogs

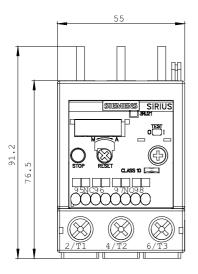
Industry Mall (Online ordering system) http://www.siemens.com/industrymall

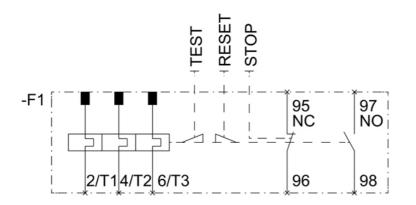
Cax online generator http://www.siemens.com/cax

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) http://support.automation.siemens.com/WW/view/en/3RU2136-4HD0/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RU2136-4HD0







last change:

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