SIEMENS

Data sheet 3RU2136-1HB0



Overload relay 5.5...8 A Thermal For motor protection Size S2 Class 10 Contactor mounting Main circuit: screw terminal Auxiliary circuit: screw terminal Manual-Automatic-Reset

product type designation ground type ground	product brand name	SIRIUS
Size of overload relay Size of contactor can be combined company-specific Size of contactor can be combined company-specific Size of contactor can be combined company-specific Power loss [VII] for rated value of the current at AC in hot operating state per pole Size of contactor can be combined company-specific power loss [VII] for rated value of the current at AC in hot operating state per pole Size of contactor can be combined company-specific per pole Size of Contactor can be combined company-specific per pole Size of Contactor can be combined company-specific per pole Size of Contactor can be combined company-specific per pole Size of Contactor can be combined company-specific per pole Size of Contactor can be combined company-specific Power pole Size of Contactor can be combined company-specific can be combined combined can be combined combined can be combined combined can be combined can be combined combined can be combined	product designation	thermal overload relay
size of contactor can be combined company-specific size of contactor can be combined company-specific power loss IVM for rated value of the current at AC in hot operating state per pole surge voltage resistance rated value surge voltage resistance rated value maximum permissible voltage for protective separation in networks with grounded star point between auxiliary and auxiliary circuit between auxiliary and auxiliary circuit between main and auxiliary circuit between of suitability according to IEC 68068-2-7 Sep of protection according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU certificate o	product type designation	3RU2
size of contactor can be combined company-specific power loss [VI] for rated value of the current at AC in hot operating state • per pole insulation voltage with degree of pollution 3 at AC rated value 890 V surge voltage resistance rated value maximum permissible voltage for protective separation in networks with grounded star point • between auxiliary and auxiliary circuit • between auxiliary and auxiliary circuit • between main and current is EC 60068-2-27 type of protection according to IEC 60068-2-27 type of protection according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU portificate of suitability according to ATEX directive 2014/34/EU but shock resistance according to IEC 81346-2 FSubstance Prohibitance (Date) oyno8/2017 Ambient conditions installation altitude at height above sea level maximum ambient temperature oturing operation during storage during storage during transport temperature compensation 40 +70 °C elative humidity during operation 40 +60 °C relative humidity during operation 10 95 % main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage anted value at AC-3e rated value 55 68 A	General technical data	
power loss [M] for rated value of the current at AC in hot operating state • per pole • per pole 2.5 W insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value • kV maximum permissible voltage for protective separation in networks with grounded star point • between auxiliary and auxiliary circuit • between auxiliary and auxiliary circuit • between main and auxiliary circuit • between dian and auxiliary circuit • between main and auxiliary circuit • between dian and auxiliary circuit • between dian and auxiliary circuit • between main and auxiliary circuit • between dian and auxiliary dian auxiliary circuit • between dian and auxiliary dian and auxiliary circuit • between dian and auxiliary dian and auxiliary circuit • between dian and auxiliary dian and auxiliary circuit • between dian and auxiliary	size of overload relay	S2
operating state	size of contactor can be combined company-specific	S2
insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value maximum permissible voltage for protective separation in networks with grounded star point • between auxiliary and auxiliary circuit • between auxiliary and auxiliary circuit • between main and auxiliary circuit • preference code according to IEC 81346-2 F Substance Prohibitance (Date) • poyloa/2017 Ambient conditions installation altitude at height above sea level maximum • during peration • during peration • during peration • during transport • during operation • during transport • during t		7.5 W
surge voltage resistance rated value maximum permissible voltage for protective separation in networks with grounded star point • between auxiliary and auxiliary circuit • between main and auxiliary circuit • son of protection according to IEC 60068-2-27 • sg / 11 ms type of protection according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU pub T98 ATEX G 001 reference code according to IEC 81346-2 F	• per pole	2.5 W
maximum permissible voltage for protective separation in networks with grounded star point • between auxiliary and auxiliary circuit • between main and auxiliary circuit • shock resistance according to IEC 60068-2-27 8g / 11 ms type of protection according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU perference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage • during storage • during storage • during transport temperature compensation quanticuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3e rated value operational current rated value 50 60 Hz operational current rated value 50 60 Hz	insulation voltage with degree of pollution 3 at AC rated value	690 V
networks with grounded star point • between auxiliary and auxiliary circuit • between main and auxiliary circuit • sport protection according to IEC 60068-2-27 • sport protection according to IEC 60068-2-27 • great according to IEC 81346-2 F Substance Prohibitance (Date) • power and titude at height above sea level maximum • 2 000 m ambient conditions installation altitude at height above sea level maximum • during operation • during poration • during storage • during storage • during transport • during transport • 40 +70 °C • during transport • 40 +80 °C temperature compensation • 40 +80 °C relative humidity during operation • 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3e rated value maximum • 690 V • at AC-3e rated value maximum operating frequency rated value • at AC-3e rated value maximum operating frequency rated value • 50 60 Hz operational current rated value	surge voltage resistance rated value	6 kV
between auxiliary and auxiliary circuit between main and auxiliary circuit between main and auxiliary circuit between main and auxiliary circuit shock resistance according to IEC 60088-2-27 8g / 11 ms type of protection according to ATEX directive 2014/34/EU Ex II (2) GD certificate of suitability according to ATEX directive 2014/34/EU DMT 98 ATEX G 001 reference code according to IEC 81346-2 F Substance Prohibitance (Date) 09/08/2017 Ambient conditions installation altitude at height above sea level maximum ambient temperature during operation during storage during transport -55 +80 °C -55 +80 °C -6 during transport -55 +80 °C -6 during transport -75 +80 °C -75		
between main and auxiliary circuit byo of protection according to IEC 60068-2-27 bype of protection according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU DMT 98 ATEX G 001 reference code according to IEC 81346-2 Fubstance Prohibitance (Date) 09/08/2017 Ambient conditions installation altitude at height above sea level maximum ambient temperature during operation during storage during transport -55+80 °C -55+80 °C -55+80 °C -6 during transport -55+80 °C -6 during direction -40+70 °C -55+80 °C -6 during transport -55+80 °C -75+80 °C -	 between auxiliary and auxiliary circuit 	415 V
between main and auxiliary circuit shock resistance according to IEC 60068-2-27 8g / 11 ms type of protection according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU DMT 98 ATEX G 001 reference code according to IEC 81346-2 F Substance Prohibitance (Date) // O9/08/2017 Ambient conditions installation altitude at height above sea level maximum ambient temperature during operation during storage during transport temperature compensation relative humidity during operation // O +60 °C relative humidity during operation // O +60 °C mumber of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage	 between auxiliary and auxiliary circuit 	415 V
shock resistance according to IEC 60068-2-27 type of protection according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU preference code according to IEC 81346-2 Substance Prohibitance (Date) Molectic Prohibitance (Date) Molectic Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum during operation during storage during storage during transport temperature compensation relative humidity during operation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage rated value relative value relative value maximum 690 V operating frequency rated value operational current rated value 8 A	 between main and auxiliary circuit 	690 V
type of protection according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU DMT 98 ATEX G 001 reference code according to IEC 81346-2 F Substance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum ambient temperature during operation during storage during transport sequence of uniformative temperature compensation relative humidity during operation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage rated value at AC-3e rated value maximum operational current rated value operational current rated value operational current rated value 8 A	between main and auxiliary circuit	690 V
certificate of suitability according to ATEX directive 2014/34/EU reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage • during transport temperature compensation -40 +70 °C • during transport -55 +80 °C temperature compensation -40 +60 °C relative humidity during operation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3e rated value maximum operational current rated value operational current rated value operational current rated value 50 60 Hz 8 A	shock resistance according to IEC 60068-2-27	8g / 11 ms
reference code according to IEC 81346-2 F Substance Prohibitance (Date) 09/08/2017 Ambient conditions installation altitude at height above sea level maximum 2 000 m ambient temperature • during operation -40 +70 °C • during storage -55 +80 °C • during transport -55 +80 °C temperature compensation -40 +60 °C relative humidity during operation 10 95 % Main circuit number of poles for main current circuit 3 adjustable current response value current of the current-dependent overload release operating voltage • rated value 690 V operating frequency rated value 50 60 Hz operational current rated value 8 A	type of protection according to ATEX directive 2014/34/EU	Ex II (2) GD
Substance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage • during transport • during transport • during transport • during transport • 55 +80 °C • during transport • 250 +80 °C • temperature compensation relative humidity during operation Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3e rated value maximum operational current rated value operational current rated value 50 60 Hz operational current rated value 8 A	certificate of suitability according to ATEX directive 2014/34/EU	DMT 98 ATEX G 001
installation altitude at height above sea level maximum ambient temperature during operation during storage during transport temperature compensation relative humidity during operation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage rated value at AC-3e rated value maximum operation sea and sea	reference code according to IEC 81346-2	F
installation altitude at height above sea level maximum ambient temperature • during operation • during storage • during transport -55 +80 °C temperature compensation -40 +60 °C relative humidity during operation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3e rated value maximum operational current rated value operational current rated value 50 60 Hz operational current rated value 8 A	Substance Prohibitance (Date)	09/08/2017
ambient temperature • during operation • during storage • during transport -55 +80 °C • during transport -55 +80 °C temperature compensation -40 +60 °C relative humidity during operation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • rated value • rated value • at AC-3e rated value maximum 690 V operating frequency rated value 50 60 Hz operational current rated value 8 A	Ambient conditions	
 during operation during storage during transport 55 +80 °C temperature compensation relative humidity during operation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage rated value at AC-3e rated value maximum operating frequency rated value operational current rated value 8 A 	installation altitude at height above sea level maximum	2 000 m
 during storage during transport 55 +80 °C temperature compensation 40 +60 °C relative humidity during operation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage rated value at AC-3e rated value maximum operating frequency rated value operational current rated value 8 A 	ambient temperature	
 during transport -55 +80 °C temperature compensation -40 +60 °C relative humidity during operation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage rated value at AC-3e rated value maximum operating frequency rated value operational current rated value 8 A 	 during operation 	-40 +70 °C
temperature compensation -40 +60 °C relative humidity during operation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3e rated value maximum operating frequency rated value operational current rated value 8 A	during storage	-55 +80 °C
relative humidity during operation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3e rated value maximum operating frequency rated value operational current rated value 8 A	during transport	-55 +80 °C
number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3e rated value maximum operating frequency rated value operational current rated value 8 A	temperature compensation	-40 +60 °C
number of poles for main current circuit adjustable current response value current of the current- dependent overload release operating voltage • rated value • at AC-3e rated value maximum operating frequency rated value operational current rated value 8 A	relative humidity during operation	10 95 %
adjustable current response value current of the current- dependent overload release operating voltage • rated value • at AC-3e rated value maximum operating frequency rated value operational current rated value 8 A	Main circuit	
dependent overload release operating voltage • rated value • at AC-3e rated value maximum operating frequency rated value 50 60 Hz operational current rated value 8 A	number of poles for main current circuit	3
 rated value at AC-3e rated value maximum operating frequency rated value operational current rated value 8 A 		5.5 8 A
• at AC-3e rated value maximum operating frequency rated value operational current rated value 8 A	operating voltage	
operating frequency rated value 50 60 Hz operational current rated value 8 A	rated value	690 V
operational current rated value 8 A	at AC-3e rated value maximum	690 V
	operating frequency rated value	50 60 Hz
operational current at AC-3e at 400 V rated value 8 A	operational current rated value	8 A
	operational current at AC-3e at 400 V rated value	8 A
operating power	operating power	

• at AC-3		
— at 400 V rated value	3 kW	
— at 500 V rated value	4 kW	
— at 690 V rated value	5.5 kW	
• at AC-3e		
— at 400 V rated value	3 kW	
— at 500 V rated value	4 kW	
— at 690 V rated value	5.5 kW	
Auxiliary circuit		
design of the auxiliary switch	integrated	
number of NC contacts for auxiliary contacts	1	
• note	for contactor disconnection	
number of NO contacts for auxiliary contacts	1	
• note	for message "Tripped"	
number of CO contacts for auxiliary contacts	0	
operational current of auxiliary contacts at AC-15		
• at 24 V	3 A	
• at 110 V	3 A	
• at 120 V	3 A	
• at 125 V	3 A	
• at 230 V	2 A	
• at 400 V	1 A	
● at 690 V	0.75 A	
operational current of auxiliary contacts at DC-13		
• at 24 V	2 A	
• at 60 V	0.3 A	
• at 110 V	0.22 A	
• at 125 V	0.22 A	
• at 220 V	0.11 A	
design of the miniature circuit breaker for short-circuit protection of the auxiliary switch required	6A (SCC less than equal to 0.5 kA; U less than equal to 260V)	
<u> </u>	P600 / P200	
CONTACT rating of auxiliary contacts according to III	DDUU / K3UU	
contact rating of auxiliary contacts according to UL Protective and monitoring functions	B600 / R300	
Protective and monitoring functions	CLASS 10	
Protective and monitoring functions trip class design of the overload release	CLASS 10	
Protective and monitoring functions trip class design of the overload release UL/CSA ratings	CLASS 10	
Protective and monitoring functions trip class design of the overload release	CLASS 10	
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor	CLASS 10 thermal	
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value	CLASS 10 thermal	
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value Short-circuit protection	CLASS 10 thermal	
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value Short-circuit protection design of the fuse link	CLASS 10 thermal 8 A 8 A	
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required	CLASS 10 thermal	
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions	CLASS 10 thermal 8 A 8 A fuse gG: 6 A, quick: 10 A	
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position	CLASS 10 thermal 8 A 8 A fuse gG: 6 A, quick: 10 A any	
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method	CLASS 10 thermal 8 A 8 A fuse gG: 6 A, quick: 10 A	
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position	CLASS 10 thermal 8 A 8 A fuse gG: 6 A, quick: 10 A any Contactor mounting	
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width	CLASS 10 thermal 8 A 8 A fuse gG: 6 A, quick: 10 A any Contactor mounting 90 mm	
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height	CLASS 10 thermal 8 A 8 A fuse gG: 6 A, quick: 10 A any Contactor mounting 90 mm 55 mm	
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth	CLASS 10 thermal 8 A 8 A fuse gG: 6 A, quick: 10 A any Contactor mounting 90 mm 55 mm	
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and	CLASS 10 thermal 8 A 8 A fuse gG: 6 A, quick: 10 A any Contactor mounting 90 mm 55 mm 105 mm	
trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor	CLASS 10 thermal 8 A 8 A fuse gG: 6 A, quick: 10 A any Contactor mounting 90 mm 55 mm 105 mm	
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection	CLASS 10 thermal 8 A 8 A fuse gG: 6 A, quick: 10 A any Contactor mounting 90 mm 55 mm 105 mm	
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit arrangement of electrical connectors for main current	CLASS 10 thermal 8 A 8 A fuse gG: 6 A, quick: 10 A any Contactor mounting 90 mm 55 mm 105 mm No	
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit	CLASS 10 thermal 8 A 8 A fuse gG: 6 A, quick: 10 A any Contactor mounting 90 mm 55 mm 105 mm No screw-type terminals screw-type terminals	
trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit arrangement of electrical connectors for main current circuit	CLASS 10 thermal 8 A 8 A fuse gG: 6 A, quick: 10 A any Contactor mounting 90 mm 55 mm 105 mm No screw-type terminals screw-type terminals	
trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections	CLASS 10 thermal 8 A 8 A fuse gG: 6 A, quick: 10 A any Contactor mounting 90 mm 55 mm 105 mm No screw-type terminals screw-type terminals	
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts	CLASS 10 thermal 8 A 8 A 8 A fuse gG: 6 A, quick: 10 A any Contactor mounting 90 mm 55 mm 105 mm No screw-type terminals screw-type terminals Top and bottom	
trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor	CLASS 10 thermal 8 A 8 A fuse gG: 6 A, quick: 10 A any Contactor mounting 90 mm 55 mm 105 mm No screw-type terminals screw-type terminals Top and bottom 2x (1 35 mm²), 1x (1 50 mm²)	

type of connectable conductor cross-sections			
· ·			
 for auxiliary contacts 			
— solid or stranded	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)		
 finely stranded with core end processing 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)		
 for AWG cables for auxiliary contacts 	2x (20 16), 2x (18 14)		
tightening torque			
 for main contacts with screw-type terminals 	3 4.5 N·m		
 for auxiliary contacts with screw-type terminals 	0.8 1.2 N·m		
design of screwdriver shaft	Diameter 5 6 mm		
size of the screwdriver tip	Pozidriv PZ 2		
design of the thread of the connection screw			
 for main contacts 	M6		
 of the auxiliary and control contacts 	M3		
Safety related data			
T1 value for proof test interval or service life according to IEC 61508	20 a		
protection class IP on the front according to IEC 60529	IP20		
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front		
Display			
display version for switching status	Slide switch		
Certificates/ approvals			
General Product Approval		For use in hazardous locations	



Confirmation









Declaration of Conformity

Test Certificates





Type Test Certificates/Test Report

Special Test Certificate



Marine / Shipping



Marine / Shipping





LRS







Confirmation

other

Railway

Special Test Certificate

Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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=3RU2136-1HB0

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RU2136-1HB0

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

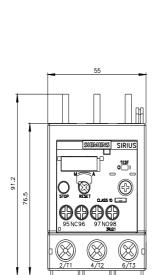
https://support.industry.siemens.com/cs/ww/en/ps/3RU2136-1HB0

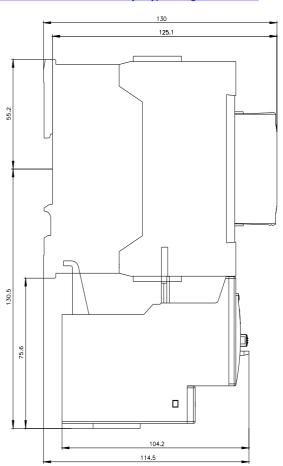
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RU2136-1HB0&lang=en

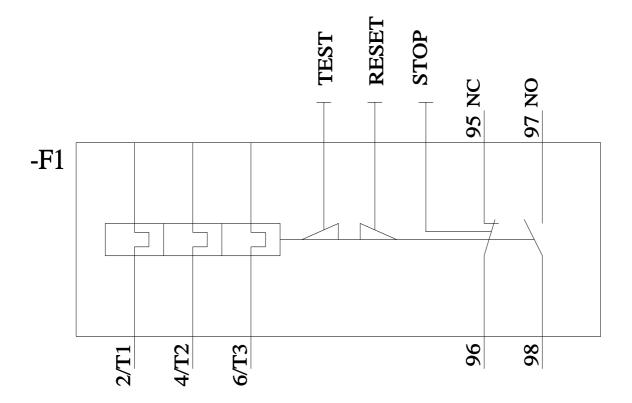
Characteristic: Tripping characteristics, I2t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RU2136-1HB0/char

Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RU2136-1HB0&objecttype=14&gridview=view1







last modified: 3/8/2022 🖸