## SIEMENS

## Data sheet

## 3RU2136-4EB0



Overload relay 22...32 A Thermal For motor protection Size S2, Class 10 Contactor mounting Main circuit: Screw Auxiliary circuit: Screw Manual-Automatic-Reset

product brand name         SIRIUS           product designation         bitman overload relay           size of overload relay         S2           size of contactor can be combined company-specific         S2           power loss [W] for rated value of the current at AC in hot operating state         S8 W           • per pole         4.6 W           • handlard overload relay         S8 V           surge voltage resistance rated value         6 KV           maximum permissible voltage for protective separation         6 KV           • in networks with ungrounded star point between auxiliary and auxiliary circuit         415 V           • in networks with ungrounded star point between main and auxiliary circuit         680 V           • in networks with ungrounded star point between main and auxiliary circuit         680 V           • in networks with ungrounded star point between main and auxiliary circuit         680 V           • Substance Prohibitance (Date)         101/52014           Substance Prohibit ance (Date)         101/52014           Substance Prohibitance (Date)         101/52014           Substance Prohibitance (Date)         55 +80 °C           • during storage         -55 +80 °C           • during storage         -55 +80 °C           • during operation         10 95 %		
product type designation     3RU2       General technical data     size of overload relay     S2       size of contactor can be combined company-specific     S2       power loss [V] for rated value of the current at AC in hot operating state     13.8 W       • per pole     4.6 W       Insulation voltage with degree of pollution 3 at AC rated value     680 V       surge voltage resistance rated value     680 V       maximum permissible voltage for protective separation     415 V       • in networks with ungrounded star point between auxiliary and auxiliary circuit     415 V       • in networks with ungrounded star point between auxiliary and auxiliary circuit     690 V       • in networks with grounded star point between main and auxiliary circuit     690 V       • in networks with grounded star point between main and auxiliary circuit     690 V       • in networks with grounded star point between main and auxiliary circuit     690 V       • win networks with grounded star point between main and auxiliary circuit     690 V       • during torcuit     0.319 kg       Ambient conditions     10/15/2014       SWHC substance aname     Lead - 7439-92-1       Weight     0.319 kg       Ambient temperature     -55 +80 °C       • during torage     -55 +80 °C       • during torage     -55 +80 °C       • during torage     -55 +80 °C	product brand name	SIRIUS
Concrait locinical data         size of overload relay         S2           size of overload relay         S2           size of contactor can be combined company-specific         S2           oper loss [W] for rated value of the current at AC in hot operating state         13.8 W           oper loss [W] for rated value of the current at AC in hot operating state         690 V           surge voltage resistance rated value         690 V           maximum permissible voltage for protective separation         61V           or in networks with ungrounded star point between auxiliary and auxiliary circuit         415 V           of in networks with grounded star point between auxiliary and auxiliary circuit         690 V           of in networks with grounded star point between main and auxiliary circuit         690 V           of in networks with grounded star point between main and auxiliary circuit         690 V           substance Prohibitance (Date)         10/15/2014           SVHC substance name         Lead - 7439-92-1           Weight         0.319 kg           Ambient conditions         40 +70 °C           instalation alittude at height above sea level maximum         2000 m           ambient tomperature         40 +60 °C           instalation difficit guardian         40 +60 °C           relatube hunditify during operation         10 .	product designation	thermal overload relay
size of overload relay     S2       size of contactor can be combined company-specific     S2       power tosk (W) for rated value of the current at AC in hot     S3.8 W       • per pole     4.6 W       insultation voltage with degree of pollution 3 at AC rated value     680 V       surge voltage resistance rated value     64V       maximum permissible voltage for protective separation     415 V       • in networks with unprounded star point between auxiliary and auxiliary circuit     415 V       • in networks with grounded star point between main and auxiliary circuit     690 V       • in networks with grounded star point between main and auxiliary circuit     690 V       • in networks with grounded star point between main and auxiliary circuit     690 V       • substance according to IEC 60682-27     Bg / 11 ms       reference code according to IEC 60682-27     F       Substance Prohibitance (Date)     100/fs/2014       SVHC substance name     Lead - 7439-92-1       Weight     0.319 kg       Ambient conditions     -55+80 °C       • during poration     -40+70 °C       • during storage     -55+80 °C       • during transport     -55+80 °C       • during	product type designation	3RU2
size of contactor can be combined company-specific       S2         power loss [W] for rated value of the current at AC in hot operating state       13.8 W         • per pole       4.6 W         insulation voltage with degree of pollution 3 at AC rated value       680 V         surge voltage resistance rated value       68 V         maximum permissible voltage for protective separation       6 kV         • in networks with ungrounded star point between auxiliary and auxiliary circuit       415 V         • in networks with grounded star point between auxiliary and auxiliary circuit       600 V         • in networks with grounded star point between main and auxiliary circuit       690 V         • in networks with grounded star point between main and auxiliary circuit       690 V         • shock resistance according to IEC 6068-2-27       8g / 11 ms         reference code according to IEC 6068-2-27       8g / 11 ms         reference code according to IEC 6068-2-27       8g / 11 ms         reference code according to IEC 6068-2-27       8g / 11 ms         substance Prohibitance (Date)       10/15/2014         SUbstance Prohibitance (Date)       0/15/2014         Substance Prohibitance (Date)       0/15/2014         installation altitude at height above sea level maximum       2 000 m         ambient conditions       -55 +60 °C	General technical data	
power loss [W] for rated value of the current at AC in hot operating state     13.8 W       • per pole     4.6 W       insulation voltage with degree of pollution 3 at AC rated value     690 V       surge voltage resistance rated value     6 kV       maximum permissible voltage for protective separation     6 kV       • in networks with ungrounded star point between auxiliary and auxiliary circuit     415 V       • in networks with grounded star point between auxiliary and auxiliary circuit     600 V       • in networks with grounded star point between main and auxiliary circuit     690 V       • in networks with grounded star point between main and auxiliary circuit     690 V       • in networks with grounded star point between main and auxiliary circuit     690 V       • in networks with grounded star point between main and auxiliary circuit     690 V       • shock resistance according to IEC 60068-2:27     8g / 11 ms       reference code according to IEC 60068-2:27     8g / 11 ms       reference code according to IEC 81346-2     F       Substance Prohibitance (Date)     10/15/2014       SWHC substance name     Lead -7439-92-1       Weight     0.318 kg       Ambient conditions     10.0 m       installation altitude at height above sea level maximum     200 m       ambient temperature     -60 +70 °C       • during peration     -40 +70 °C <td< th=""><th>size of overload relay</th><th>S2</th></td<>	size of overload relay	S2
operating state       4.6 W         insultation voltage with degree of pollution 3 at AC rated value       680 V         surge voltage resistance rated value       64.V         maximum permissible voltage for protective separation       64.V         • in networks with grounded star point between auxiliary and auxiliary circuit       415 V         • in networks with grounded star point between auxiliary and auxiliary circuit       415 V         • in networks with grounded star point between main and auxiliary circuit       690 V         • in networks with grounded star point between main and auxiliary circuit       690 V         • in networks with grounded star point between main and auxiliary circuit       690 V         • in networks with grounded star point between main and auxiliary circuit       690 V         • shock resistance according to IEC 60068-2-27       8g / 11 ms         reference code according to IEC 81346-2       F         Subtance Prohibitance (Date)       101/15/2014         Subtance Prohibitance (Date)       0.319 kg         Ambient conditions       -         Installation altitude at height above sea level maximum       2 000 m         ambient tomperature       -         • during storage       -55 +80 °C         • during transport       -40 +70 °C         • during operation       -40 +80	size of contactor can be combined company-specific	S2
Insulation voltage with degree of pollution 3 at AC rated value       690 V         surge voltage resistance rated value       6 kV         maximum permissible voltage for protective separation       6 kV         • in networks with uprounded star point between auxiliary and auxiliary circuit       415 V         • in networks with grounded star point between auxiliary and auxiliary circuit       415 V         • in networks with grounded star point between main and auxiliary circuit       690 V         • in networks with grounded star point between main and auxiliary circuit       690 V         shock resistance according to IEC 60088-2-27       F         Substance Prohibitance (Date)       10/15/2014         SVH substance name       Lead - 7439-92-1         Weight       0.319 kg         Ambient conditions       40 +70 °C         • during geration       -40 +70 °C         • during storage       -55 +80 °C         • during storage       -55 +80 °C         • during operation       -40 +60 °C         reference compensation       40 +60 °C         • during transport       23 +23 +23 A         Main circuit       3         adjustable current circuit       3         adjustable current circuit       3         adjustable current circuit <th></th> <th>13.8 W</th>		13.8 W
surge voltage resistance rated value       6 kV         maximum permissible voltage for protective separation <ul> <li>in networks with ungrounded star point between auxiliary and auxiliary circuit</li> <li>in networks with ungrounded star point between auxiliary</li> <li>in networks with ungrounded star point between main and auxiliary circuit</li> <li>in networks with grounded star point between main and auxiliary circuit</li> <li>in networks with ungrounded star point between main and auxiliary circuit</li> <li>in networks with grounded star point between main and auxiliary circuit</li> <li>in networks with grounded star point between main and auxiliary circuit</li> <li>shock resistance according to IEC 60068-2-27</li> <li>gg / 11 ms</li> <li>reference code according to IEC 60068-2-27</li> <li>gg / 11 ms</li> </ul> <li>shock resistance (Date)</li> <li>10/15/2014</li> <li>SVHC substance (Date)</li> <li>10/15/2014</li> <li>SVHC substance name         <ul> <li>Lead - 7439-92-1</li> <li>Weight</li> <li>0.319 kg</li> </ul> </li> <li>Ambient conditions         <ul> <li>installation altitude at height above sea level maximum</li> <li>40 +70 °C</li> <li>during operation</li> <li>-40 +70 °C</li> <li>during storage</li> <li>-55 +80 °C</li> <li>temperature compensation</li> <li>40 +60 °C</li> </ul> </li> <li>relative humidity during operation</li> <li>10 95 %</li> <li>Main circuit</li> <li>adjustable current circuit</li> <li>3</li> <li>adjustable current circuit</li> <li>atad value</li> <li>690 V</li>	• per pole	4.6 W
maximum permissible voltage for protective separation       415 V         • in networks with ungrounded star point between auxiliary and auxiliary circuit       415 V         • in networks with grounded star point between auxiliary and auxiliary circuit       415 V         • in networks with grounded star point between main and auxiliary circuit       690 V         • in networks with grounded star point between main and auxiliary circuit       690 V         • in networks with grounded star point between main and auxiliary circuit       690 V         • shock resistance according to IEC 60068-2-27       Bg / 11 ms         reference code according to IEC 60068-2-27       Bg / 11 ms         reference code according to IEC 60068-2-27       Bg / 11 ms         reference code according to IEC 60068-2-27       Bg / 11 ms         reference code according to IEC 60068-2-27       Bg / 11 ms         reference code according to IEC 60068-2-27       Bg / 11 ms         reference code according to IEC 60068-2-27       Bg / 11 ms         reference code according to IEC 60068-2-27       Bg / 10/15/2014         SVHC substance Prohibitance (Date)       10/15/2014         SvHC substance Prohibitance (Date)       0.319 kg         Ambient conditions       2 000 m         installation altitude at height above sea level maximum       2 000 m         aduring toration       -40	insulation voltage with degree of pollution 3 at AC rated value	690 V
<ul> <li>in networks with ungrounded star point between auxiliary and auxiliary circuit</li> <li>in networks with grounded star point between auxiliary and auxiliary circuit</li> <li>in networks with grounded star point between main and auxiliary circuit</li> <li>in networks with grounded star point between main and auxiliary circuit</li> <li>in networks with grounded star point between main and auxiliary circuit</li> <li>in networks with grounded star point between main and auxiliary circuit</li> <li>shock resistance according to IEC 60068-2-27</li> <li>Bg / 11 ms</li> <li>reference code according to IEC 60068-2-27</li> <li>Bg / 11 ms</li> <li>reference code according to IEC 81346-2</li> <li>F</li> <li>Substance Prohibitance (Date)</li> <li>10/15/2014</li> <li>SVHS substance name</li> <li>Lead - 7439-92-1</li> <li>Weight</li> <li>0.319 kg</li> <li>Ambient conditions</li> <li>installation altitude at height above sea level maximum</li> <li>2 000 m</li> <li>ambient temperature</li> <li>during operation</li> <li>40 +70 °C</li> <li>during storage</li> <li>55 +80 °C</li> <li>during torage</li> <li>55 +80 °C</li> <li>during torage</li> <li>40 +60 °C</li> <li>relative humidity during operation</li> <li>10 95 %</li> <li>Main circuit</li> <li>number of poles for main current circuit</li> <li>3</li> <li>adjustable current response value current of the current- dependent overload release</li> <li>operating voltage</li> <li>erated value</li> <li>enation value maximum</li> <li>690 V</li> <li>etal AC-3e rated value maximum</li> </ul>	surge voltage resistance rated value	6 kV
and auxiliary circuit <ul> <li>in networks with grounded star point between auxiliary and auxiliary circuit</li> <li>in networks with ungrounded star point between main and auxiliary circuit</li> <li>in networks with grounded star point between main and auxiliary circuit</li> <li>shock resistance according to IEC 60068-2-27</li> <li>8g / 11 ms</li> <li>reference code according to IEC 81346-2</li> <li>F</li> <li>Substance Prohibitance (Date)</li> <li>10/15/2014</li> <li>SVHC substance name</li> <li>Lead - 7439-92-1</li> <li>Weight</li> <li>0.319 kg</li> </ul> Ambient conditions <ul> <li>ambient temperature</li> <li>during operation</li> <li>40 +70 °C</li> <li>during storage</li> <li>c55 +80 °C</li> <li>during transport</li> <li>c75 +80 °C</li> <li>during transport</li> <li>during trans</li></ul>	maximum permissible voltage for protective separation	
and auxiliary circuit     690 V       • in networks with ungrounded star point between main and auxiliary circuit     690 V       • in networks with grounded star point between main and auxiliary circuit     690 V       shock resistance according to IEC 60068-2-27     8g / 11 ms       reference code according to IEC 81346-2     F       Substance Prohibitance (Date)     10/15/2014       SVHC substance name     Lead - 7439-92-1       Weight     0.319 kg       Ambient conditions     1       installation altitude at height above sea level maximum     2 000 m       • during operation     -40 +70 °C       • during transport     -55 +80 °C       • during transport     -55 +80 °C       • during transport     -55 +80 °C       • during operation     -40 95 %       Main circuit     3       number of poles for main current circuit     3       adjustable current response value current of the current-dependent overload release     22 32 A       operating voltage     690 V       • rated value     690 V       • at AC-3e rated value maximum     690 V		415 V
auxiliary circuit     690 V       • in networks with grounded star point between main and auxiliary circuit     690 V       shock resistance according to IEC 60068-2-27     8g / 11 ms       reference code according to IEC 81346-2     F       Substance Prohibitance (Date)     10/15/2014       SVHC substance name     Lead - 7439-92-1       Weight     0.319 kg       Ambient conditions     1       installation altitude at height above sea level maximum     2 000 m       ambient temperature     -       • during operation     -40 +70 °C       • during tarsport     -55 +80 °C       temperature compensation     -40 +60 °C       relative humidity during operation     10 95 %       Main circuit     3       number of poles for main current circuit     3       adjustable current celease     690 V       operating voltage     690 V       • at AC-3e rated value maximum     690 V		415 V
auxiliary circuit     auxiliary circuit       shock resistance according to IEC 60068-2-27     8g / 11 ms       reference code according to IEC 81346-2     F       Substance Prohibitance (Date)     10/15/2014       SVHC substance name     Lead - 7439-92-1       Weight     0.319 kg       Ambient conditions     installation altitude at height above sea level maximum       a during operation     -40 +70 °C       • during storage     -55 +80 °C       • during transport     -55 +80 °C       • during transport     -55 +80 °C       relative humidity during operation     10 95 %       Main circuit     3       number of poles for main current circuit     3       adjustable current response value current of the current-dependent overload release     22 32 A       operating voltage     690 V       • at AC-3e rated value maximum     690 V		690 V
reference code according to IEC 81346-2       F         Substance Prohibitance (Date)       10/15/2014         SVHC substance name       Lead - 7439-92-1         Weight       0.319 kg         Ambient conditions       2 000 m         installation altitude at height above sea level maximum       2 000 m         ambient temperature       -40 +70 °C         • during operation       -40 +70 °C         • during storage       -55 +80 °C         • during transport       -55 +80 °C         relative humidity during operation       -40 +60 °C         relative humidity during operation       10 95 %         Main circuit       3         number of poles for main current circuit       3         adjustable current response value current of the current-dependent overload release       22 32 A         operating voltage       690 V         • rated value       690 V         • at AC-3e rated value maximum       690 V		690 V
Substance Prohibitance (Date)       10/15/2014         SVHC substance name       Lead - 7439-92-1         Weight       0.319 kg         Ambient conditions       2 000 m         installation altitude at height above sea level maximum       2 000 m         ambient temperature       -40 +70 °C         • 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       3         adjustable current response value current of the current- dependent overload release       22 32 A         operating voltage       690 V         • at AC-3e rated value maximum       690 V	shock resistance according to IEC 60068-2-27	8g / 11 ms
SVHC substance name       Lead - 7439-92-1         Weight       0.319 kg         Ambient conditions       installation altitude at height above sea level maximum         ambient temperature       2 000 m         ambient temperature       -40 +70 °C         • 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       3         adjustable current response value current of the current- dependent overload release       22 32 A         operating voltage       690 V         • at AC-3e rated value maximum       690 V	reference code according to IEC 81346-2	F
Weight       0.319 kg         Ambient conditions       installation altitude at height above sea level maximum       2 000 m         ambient temperature       -40 +70 °C         • 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       3         number of poles for main current circuit       3         adjustable current response value current of the current-       22 32 A         operating voltage       690 V         • rated value       690 V         • at AC-3e rated value maximum       690 V	Substance Prohibitance (Date)	10/15/2014
Ambient conditions       2 000 m         installation altitude at height above sea level maximum       2 000 m         ambient temperature       -40 +70 °C         • 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       3         number of poles for main current circuit       3         adjustable current response value current of the current-dependent overload release       22 32 A         operating voltage       690 V         • at AC-3e rated value maximum       690 V	SVHC substance name	Lead - 7439-92-1
installation altitude at height above sea level maximum       2 000 m         ambient temperature       -40 +70 °C         • during operation       -55 +80 °C         • during transport       -55 +80 °C         • during transport       -55 +80 °C         temperature compensation       -40 +60 °C         relative humidity during operation       10 95 %         Main circuit       3         number of poles for main current circuit       3         adjustable current response value current of the current-dependent overload release       22 32 A         operating voltage       690 V         • at AC-3e rated value maximum       690 V	Weight	0.319 kg
ambient temperature       -40 +70 °C         • during operation       -40 +70 °C         • during storage       -55 +80 °C         • during transport       -55 +80 °C         • during transport       -55 +80 °C         temperature compensation       -40 +60 °C         relative humidity during operation       10 95 %         Main circuit       3         number of poles for main current circuit       3         adjustable current response value current of the current- dependent overload release       22 32 A         operating voltage       690 V         • at AC-3e rated value maximum       690 V	Ambient conditions	
• during operation-40 +70 °C• during storage-55 +80 °C• during transport-55 +80 °C• during transport-55 +80 °Ctemperature compensation-40 +60 °Crelative humidity during operation10 95 %Main circuit3adjustable current response value current of the current- dependent overload release3operating voltage-• rated value690 V• at AC-3e rated value maximum690 V	installation altitude at height above sea level maximum	2 000 m
• during storage-55 +80 °C• during transport-55 +80 °Ctemperature compensation-40 +60 °Crelative humidity during operation10 95 %Main circuit3number of poles for main current circuit3adjustable current response value current of the current- dependent overload release22 32 Aoperating voltage • rated value690 V690 V690 V	ambient temperature	
• during transport       -55 +80 °C         temperature compensation       -40 +60 °C         relative humidity during operation       10 95 %         Main circuit       3         number of poles for main current circuit       3         adjustable current response value current of the current- dependent overload release       22 32 A         operating voltage       690 V         • rated value       690 V         • at AC-3e rated value maximum       690 V	during operation	-40 +70 °C
temperature compensation       -40 +60 °C         relative humidity during operation       10 95 %         Main circuit       3         number of poles for main current circuit       3         adjustable current response value current of the current- dependent overload release       22 32 A         operating voltage       690 V         • rated value       690 V         • at AC-3e rated value maximum       690 V	during storage	-55 +80 °C
relative humidity during operation       10 95 %         Main circuit       3         number of poles for main current circuit       3         adjustable current response value current of the current- dependent overload release       22 32 A         operating voltage       690 V         • rated value       690 V         • at AC-3e rated value maximum       690 V	during transport	-55 +80 °C
Main circuit       3         number of poles for main current circuit       3         adjustable current response value current of the current- dependent overload release       22 32 A         operating voltage <ul> <li>rated value</li> <li>690 V</li> <li>690 V</li> <li>690 V</li> </ul>	temperature compensation	-40 +60 °C
number of poles for main current circuit     3       adjustable current response value current of the current- dependent overload release     22 32 A       operating voltage     690 V       • rated value     690 V       • at AC-3e rated value maximum     690 V	relative humidity during operation	10 95 %
adjustable current response value current of the current-       22 32 A         operating voltage       690 V         • rated value       690 V         • at AC-3e rated value maximum       690 V	Main circuit	
dependent overload release       operating voltage       • rated value       • at AC-3e rated value maximum       690 V	number of poles for main current circuit	3
rated value 690 V     at AC-3e rated value maximum 690 V		22 32 A
• at AC-3e rated value maximum 690 V	operating voltage	
	rated value	690 V
operating frequency rated value 50 60 Hz	<ul> <li>at AC-3e rated value maximum</li> </ul>	690 V
	operating frequency rated value	50 60 Hz
operational current rated value 32 A	operational current rated value	32 A

operational current at AC-3e at 400 V rated value	32 A
operating power	
• at AC-3	
— at 400 V rated value	15 kW
— at 500 V rated value	18.5 kW
— at 690 V rated value	30 kW
• at AC-3e	
— at 400 V rated value	15 kW
— at 500 V rated value	18.5 kW
— at 690 V rated value	30 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)
contact rating of auxiliary contacts according to UL	B600 / R300
Protective and monitoring functions	
trip class	CLASS 10
design of the overload release	thermal
UL/CSA ratings	
full-load current (FLA) for 3-phase AC motor	
• at 480 V rated value	32 A
at 600 V rated value	32 A
Short-circuit protection	
design of the fuse link	
for short-circuit protection of the auxiliary switch required	fuse gG: 6 A, quick: 10 A
Installation/ mounting/ dimensions	
mounting position	any
	any Contactor mounting
fastening method	Contactor mounting
height	90 mm
width don'th	55 mm
depth	105 mm
Connections/ Terminals	Ne
product component removable terminal for auxiliary and control circuit	No
type of electrical connection	
for main current circuit	screw-type terminals
for auxiliary and control circuit	screw-type terminals
arrangement of electrical connectors for main current circuit	Top and bottom
type of connectable conductor cross-sections	
<ul> <li>for main contacts</li> </ul>	
<ul> <li>— solid or stranded</li> </ul>	2x (1 35 mm²), 1x (1 50 mm²)

for AWG cables     type of connectable			: (1 25 mm²), 1x (1 35 m	nm²)	
type of connectable conductor cross-sections			: (18 2), 1x (18 1)		
		5			
<ul> <li>for auxiliary cor</li> </ul>					
— solid or sti			2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> )		
<ul> <li>finely stranded with core end processing</li> <li>for AWG cables for auxiliary contacts</li> </ul>			2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> )		
	s for auxiliary contacts	2x	: (20 16), 2x (18 14)		
tightening torque					
	ts with screw-type terminal		3 4.5 N·m		
	tacts with screw-type termi	nals 0.3	0.8 1.2 N·m		
design of screwdrive			Diameter 5 6 mm		
size of the screwdriver tip design of the thread of the connection screw		Po	Pozidriv PZ 2		
esign of the thread of the connection screw					
for main contacts		M			
of the auxiliary and control contacts			3		
IEC 61508		_			
T1 value					
<ul> <li>for proof test int 61508</li> </ul>	terval or service life accordi	ing to IEC 20	a		
Electrical Safety					
	n the front according to 1	EC 60529	20		
-	In the front according to I			from the front	
-	the front according to IEC		ger-safe, for vertical contact		
Display					
display version for swi	-	SI	ide switch		
Approvals Certificates					
General Product Ap	proval				
Eor use in herowden					
For use in hazardou	s locations		Test Certificates		Marine / Shipping
	s locations	<u>Miscellaneous</u>	Test Certificates	<u>Special Test Certific-</u> <u>ate</u>	Marine / Shipping
Æx>	IECEx	Miscellaneous	Type Test Certific-		
K ATEX	IECEx	Miscellaneous Lovots Lus	Type Test Certific-		
Marine / Shipping	IECEx IECEx	Lloyd's Register	Type Test Certific-		
Marine / Shipping	IECE×	Lloyd's Register uis	Type Test Certific-		
Warine / Shipping         Warine / Shipping         UNELUUREAU         UNELUUREAU         UNELUUREAU         Other         Confirmation	IECEx IECEx Railway Special Test Certific-	Lloyd's Register uis	Type Test Certific- ates/Test Report		
Warine / Shipping         BUREAU         UNELAU         UNELAU         Confirmation	IECEX IECEX	Lloyd's Register uis	Type Test Certific- ates/Test Report		
Marine / Shipping Marine / Shipping UILEAU	IECEx IECEX Railway Special Test Certific- ate ackaging y.siemens.com/cs/ww/en/vi wnloadcenter (Catalogs, I com/ic10 e ordering system) emens.com/mall/en/en/Cat	LIRS Environment Environment Epcological Eccological E	Type Test Certificates/Test Report         Image: state s		
Marine / Shipping Marine / Shipping UNERTAS Other Confirmation Information on the p https://support.industry Information- and Dow https://www.siemens.co Industry Mall (Online https://mall.industry.sie	IECEx IECEX Railway Special Test Certific- ate ackaging y.siemens.com/cs/ww/en/vi wnloadcenter (Catalogs, I com/ic10 e ordering system) emens.com/mall/en/en/Cat	LIRS Environment Environment Epcological Eccological E	Type Test Certificates/Test Report         Image: state s		

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

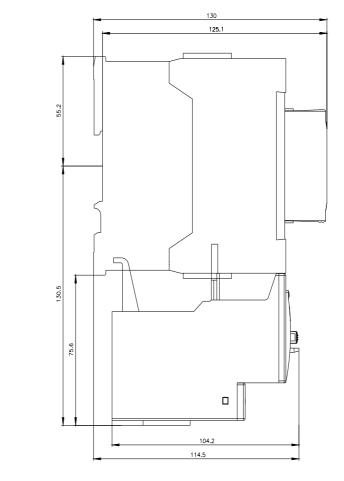
https://support.industry.siemens.com/cs/ww/en/ps/3RU2136-4EB0

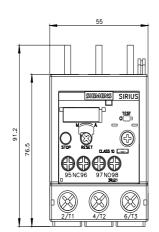
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RU2136-4EB0&lang=en

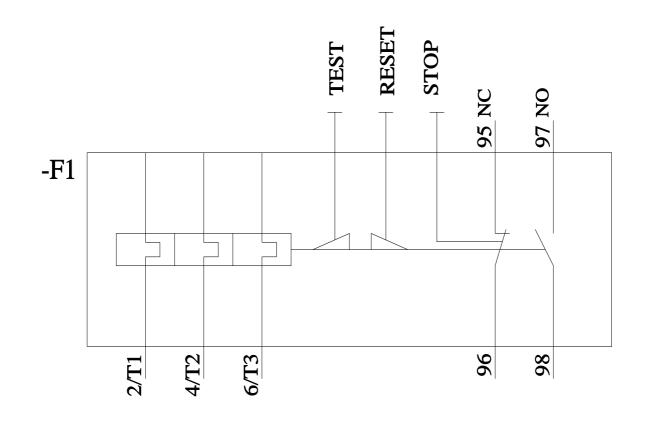
Characteristic: Tripping characteristics, I2t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RU2136-4EB0/char

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RU2136-4EB0&objecttype=14&gridview=view1







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