## SIEMENS

## Data sheet

## 3RU2126-4EB0



Overload relay 27...32 A Thermal For motor protection Size S0, Class 10 Contactor mounting Main circuit: Screw Auxiliary circuit: Screw Manual-Automatic-Reset

product brand name         SIRIUS           product designation         3RU2           Central technical data         3RU2           size of ovarload relay         S0           size of ovarload relay value         S0           surge volze resistance rated value         S0 V           surge volze resistance rated value         S0 V1           e between ma		
product type designation         3RU2           General technical data	product brand name	SIRIUS
Conneral technical data         S0           size of overlead relay         S0           size of contactor can be combined company-specific         S0           opperting state         9.6 W           operating state         9.6 W           insulation voltage with degree of pollution 3 at AC rated value         690 V           surge voltage resistance rated value         64V           maximum permissible voltage for protective separation in networks with grounded star point         440 V           • between auxiliary and auxiliary circuit         440 V           • between main and auxiliary circuit         440 V           • between main and auxiliary circuit         440 V           • between auxiliary and uxiliary circuit         440 V           • between main and auxiliary circuit         440 V           • between main and auxiliary circuit         440 V           • between auxiliary and uxiliary circuit         440 V           • between auxiliary dircuit         440 V           • between auxiliary dircuit         400 V           • state according to EC 800868-227         8g / 11 ms	product designation	thermal overload relay
size of overload relay     S0       size of contactor can be combined company-specific     S0       power loss [M] for rated value of the current at AC in hot operating state     9.6 W       • per pole     3.2 W       insulation voltage with degree of pollution 3 at AC rated value     680 V       surge voltage resistance rated value     64V       maximum permissible voltage for protective separation in networks with grounded star point     440 V       • between auxiliary and auxiliary circuit     440 V       • between main and auxiliary circuit     440 V       • between ratin and auxiliary circuit     440 V       • between the interver 2014/34/EU     DMT 98 ATEX G 001       reference code according to IEC 81346-2     F       Substance Prohibitance (Date)     10/01/2009       Ambient conditions     2000 m       instalation altitude at height above sea level maximum     2000 m <t< th=""><th>product type designation</th><th>3RU2</th></t<>	product type designation	3RU2
size of contactor can be combined company-specific     S0       power loss [W] for rated value of the current at AC in hot operating state     9.6 W       • per pole     3.2 W       insulation voltage with degree of pollution 3 at AC rated value     68 V       maximum parmissible voltage for protective separation in networks with grounded star point     6 kV       • between auxiliary and auxiliary circuit     440 V       • between main and auxiliary circuit     440 V       • between auxiliary and auxiliary circuit     440 V       • between auxiliary and auxiliary circuit     440 V       • between auxiliary circuit     440 V       • between auxiliary circuit     440 V       • between auxiliary circuit     Dut 198 ATEX G 001       reference code according to ATEX directive 2014/34/EU     Dut 19 (20	General technical data	
power loss [W] for rated value of the current at AC in hot operating state     9.6 W       • per pole     3.2 W       insulation voltage with degree of pollution 3 at AC rated value     690 V       surge voltage resistance rated value     64V       maximum permissible voltage for protective separation in networks with grounded star point     440 V       • between auxiliary and auxiliary circuit     440 V       • between main and auxiliary circuit     50 (11001120020)       Ambient conditions     5004 (1100112009       Installation altitude at height above sea level maximum     2 000 m       ambient tomperature     40 +70 °C	size of overload relay	SO
operating sizie       3.2 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 in networks with grounded star point       440 V         • between auxiliary and auxiliary circuit       440 V         • between main and auxiliary circuit       440 V         • between training to ATEX directive 2014/34/EU       EXII (2) GD         certificate of suitability according to ATEX directive 2014/34/EU       DMT 98 ATEX G 001         certificate of suitability according to ATEX directive 2014/34/EU       DMT 98 ATEX G 001         installation altitude at height above sea level maximum       2 000 m         ambient conditions       100/01/2009         installation altitude at height above sea level maximum       2 000 m         aduring transport       -55 +80 °C         • during transport       -55 +80 °C         • during transport       -55 +80 °C         temperatu	size of contactor can be combined company-specific	S0
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 in networks with grounded star point     440 V       • between auxiliary and auxiliary circuit     440 V       • between main and auxiliary circuit     440 V       • between auxiliary circuit     440 V       • between main and auxiliary circuit     440 V       • between auxiliary circuit     100 V       • during to Forte K directive 2014/34/EU     DMT 98 ATEX G 001       reference code according to IEC 81346-2     F       Substance Prohibitance (Date)     100/1/2009       Ambient conditions     100/1/2009       installation altitude at height above sea level maximum     <		9.6 W
surge voltage resistance rated value     6 kV       maximum permissible voltage for protective separation in networks with grounded star point     440 V       • between auxiliary and auxiliary circuit     440 V       • between main and auxiliary circuit     440 V       • between auxiliary circuit     440 V       • between main and auxiliary circuit     440 V       • between auxiliary circuit     50 L       • go of protection according to ATEX directive 2014/34/EU     DMT 98 ATEX G 001       reference code according to IEC 81346-2     F       Substance Prohibitance (Date)     10/01/2009       Ambient	• per pole	3.2 W
maximum permissible voltage for protective separation in networks with grounded star point         • between auxiliary and auxiliary circuit       440 V         • between main and auxiliary circuit       440 V         • protection according to ATEX directive 2014/34/EU       DMT 98 ATEX G 001         certificate of suitability according to ATEX directive 2014/34/EU       DMT 98 ATEX G 001         reference code according to IEC 81345-2       F         substance Prohibitance (Date)       100/01/2009 <th>insulation voltage with degree of pollution 3 at AC rated value</th> <th>690 V</th>	insulation voltage with degree of pollution 3 at AC rated value	690 V
networks with grounded star point       440 V <ul> <li>between auxiliary and auxiliary circuit</li> <li>440 V</li> <li>between main and auxiliary circuit</li> <li>440 V</li> <li>between main and auxiliary circuit</li> <li>440 V</li> <li>shock resistance according to IEC 60068-2:27</li> <li>Bg / 11 ms</li> <li>type of protection according to ATEX directive 2014/34/EU</li> <li>EX II (2) GD</li> <li>certificate of suitability according to ATEX directive 2014/34/EU</li> <li>EX II (2) GD</li> <li>certificate of suitability according to ATEX directive 2014/34/EU</li> <li>EX II (2) GD</li> <li>certificate of suitability according to ATEX directive 2014/34/EU</li> <li>EX II (2) GD</li> <li>certificate of suitability according to ATEX directive 2014/34/EU</li> <li>EX II (2) GD</li> <li>certificate of suitability according to ATEX directive 2014/34/EU</li> <li>EX II (2) GD</li> <li>certificate of suitability according to ATEX directive 2014/34/EU</li> <li>EX II (2) GD</li> <li>certificate of suitability according to ATEX directive 2014/34/EU</li> <li>EX II (2) GD</li> <li>certificate of suitability according to ATEX directive 2014/34/EU</li> <li>EX II (2) GD</li> <li>certificate of suitability according to ATEX directive 2014/34/EU</li> <li>EX II (2) GD</li> <li>andisett temperature</li> <li>during operation</li> <li>40 +70 °C</li> <li>during transport</li> <li>-55 +80 °C</li> <li>during transport</li> <li>-45 +80 °C</li> <li>relative humidity during operation</li> <li>40 +60 °C</li> <li>relative humidity during operation</li> <li>40 95 %</li> <li>Main circuit</li> <li>adjustable current circuit</li> <li>3</li> <li>adjustable current release</li> <li>operating fr</li></ul>	surge voltage resistance rated value	6 kV
between auxiliary circuit     440 V     between main and auxiliary circuit     440 V     shock resistance according to IEC 60068-2-27     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)     10/1/2009     Ambient conditions     installation altitude at height above sea level maximum     ambient temperature         • during operation         -40 +70 °C         • during storage         -55 +80 °C         temperature compensation         -40 +70 °C         relative humidity during operation         -40 +70 °C         ouring transport         -55 +80 °C         temperature compensation         -55 +80 °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-         dopol V         operating requency rated value         690 V         operating frequency rated value         690 V         operating frequency rated value         50 60 Hz         operational current rated value         32 A		
• between main and auxiliary circuit     440 V       • between main and auxiliary circuit     440 V       shock resistance according to IEC 60068-2-27     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     Ex II (2) GD       certificate of suitability according to IEC 81346-2     F       Substance Prohibitance (Date)     10/01/2009       Ambient conditions     10/01/2009       installation altitude at height above sea level maximum     2 000 m       ambient temperature     -       • during operation     -40 +70 °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-     27 32 A       operating voltage     690 V       • at AC-3e rated value     690 V       • at AC-3e rated value     690 V       • at AC-3e rated value     50 60 Hz       operational current rated value     52 A       operational current rated value     32 A	<ul> <li>between auxiliary and auxiliary circuit</li> </ul>	440 V
• between main and auxiliary circuit       440 V         shock resistance according to IEC 60068-2-27       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)       10/01/2009         Ambient conditions       2 000 m         ambient temperature       -40 +70 °C         • during operation       -40 +70 °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       690 V         • at AC-3e rated value       690 V         • at AC-3e rated value       50 60 Hz         operating frequency rated value       52 60 Hz         operating a current rated value       52 60 Hz         operational current rated value       32 A	<ul> <li>between auxiliary and auxiliary circuit</li> </ul>	440 V
shock resistance according to IEC 60068-2-27     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)     10/01/2009       Ambient conditions     2 000 m       installation altitude at height above sea level maximum     2 000 m       a during operation     -40 +70 °C       • during storage     -55 +80 °C       • during transport     -55 +80 °C       • during operation     -40 +60 °C       relative humidity during operation     10 95 %       Main circuit     3       adjustable current response value current of the current-dependent overload release     690 V       operating relative value     690 V       • at AC-3e rated value     50 60 Hz       operational current rated value     32 A	<ul> <li>between main and auxiliary circuit</li> </ul>	440 V
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)       10/01/2009         Ambient conditions       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       3         number of poles for main current circuit       3         adjustable current response value current of the current-       27 32 A         operating requecy rated value       690 V         • 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       32 A	<ul> <li>between main and auxiliary circuit</li> </ul>	440 V
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)       10/01/2009         Ambient conditions       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-       27 32 A         operating requency rated value       690 V         • 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       32 A	shock resistance according to IEC 60068-2-27	8g / 11 ms
reference code according to IEC 81346-2       F         Substance Prohibitance (Date)       10/01/2009         Ambient conditions       2 000 m         installation allitude 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         • 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       690 V         • at AC-3e rated value       690 V         • at AC-3e rated value maximum       690 V         • operating frequency rated value       50 60 Hz         operational current rated value       32 A	type of protection according to ATEX directive 2014/34/EU	Ex II (2) GD
Substance Prohibitance (Date)       10/01/2009         Ambient conditions       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 +50 °C         mumber of poles for main current circuit       3         adjustable current response value current of the current-dependent overload release       27 32 A         operating voltage       690 V         • at AC-3e rated value       690 V         • at AC-3e rated value       50 60 Hz         operational current rated value       32 A	certificate of suitability according to ATEX directive 2014/34/EU	DMT 98 ATEX G 001
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-       27 32 A         operating voltage       690 V         • at AC-3e rated value maximum       690 V         operating frequency rated value       50 60 Hz         operational current rated value       32 A	reference code according to IEC 81346-2	F
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       27 32 A         operating voltage       690 V         • rated value       690 V         • at AC-3e rated value maximum       690 V         operating frequency rated value       50 60 Hz         operational current rated value       32 A	Substance Prohibitance (Date)	10/01/2009
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       27 32 A         operating voltage       690 V         • at AC-3e rated value maximum       690 V         operating frequency rated value       50 60 Hz         operational current rated value       32 A	Ambient conditions	
• during operation-40 +70 °C• during storage-55 +80 °C• during transport-55 +80 °C• temperature 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 release27 32 Aoperating voltage-• rated value690 V• at AC-3e rated value maximum690 Voperating frequency rated value50 60 Hzoperational current at AC-3e at 400 V rated value32 Aoperational current at AC-3e at 400 V rated value32 A	installation altitude at height above sea level maximum	2 000 m
• 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       27 32 A         operating voltage       690 V         • 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       32 A	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       27 32 A         operating voltage       690 V         • at AC-3e rated value maximum       690 V         operating frequency rated value       50 60 Hz         operational current rated value       32 A	<ul> <li>during operation</li> </ul>	-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       27 32 A         operating voltage       690 V         • rated value       690 V         • at AC-3e rated value maximum       690 V         operating frequency rated value       50 60 Hz         operational current rated value       32 A	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       27 32 A         operating voltage       690 V         • rated value       690 V         • at AC-3e rated value maximum       690 V         operating frequency rated value       50 60 Hz         operational current rated value       32 A         operational current at AC-3e at 400 V rated value       32 A	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       27 32 A         operating voltage       690 V         • rated value       690 V         • at AC-3e rated value maximum       690 V         operating frequency rated value       50 60 Hz         operational current rated value       32 A         operational current at AC-3e at 400 V rated value       32 A	temperature compensation	-40 +60 °C
number of poles for main current circuit       3         adjustable current response value current of the current- dependent overload release       27 32 A         operating voltage <ul> <li>rated value</li> <li>690 V</li> <li>at AC-3e rated value maximum</li> <li>690 V</li> <li>operating frequency rated value</li> <li>50 60 Hz</li> <li>operational current rated value</li> <li>32 A</li> </ul>	relative humidity during operation	10 95 %
adjustable current response value current of the current-       27 32 A         operating voltage       690 V         • rated value       690 V         • at AC-3e rated value maximum       690 V         operating frequency rated value       50 60 Hz         operational current rated value       32 A         operational current at AC-3e at 400 V rated value       32 A	Main circuit	
dependent overload release       Image: Comparising voltage         operating voltage       690 V         • rated value       690 V         • at AC-3e rated value maximum       690 V         operating frequency rated value       50 60 Hz         operational current rated value       32 A         operational current at AC-3e at 400 V rated value       32 A	number of poles for main current circuit	3
• rated value       690 V         • at AC-3e rated value maximum       690 V         operating frequency rated value       50 60 Hz         operational current rated value       32 A         operational current at AC-3e at 400 V rated value       32 A		27 32 A
• at AC-3e rated value maximum       690 V         operating frequency rated value       50 60 Hz         operational current rated value       32 A         operational current at AC-3e at 400 V rated value       32 A	operating voltage	
operating frequency rated value50 60 Hzoperational current rated value32 Aoperational current at AC-3e at 400 V rated value32 A	rated value	690 V
operational current rated value     32 A       operational current at AC-3e at 400 V rated value     32 A	<ul> <li>at AC-3e rated value maximum</li> </ul>	690 V
operational current at AC-3e at 400 V rated value 32 A	operating frequency rated value	50 60 Hz
	operational current rated value	32 A
operating power	operational current at AC-3e at 400 V rated value	32 A
	operating power	

• at AC-3			
	15 kW		
— 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		
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			
<ul> <li>• at 480 V rated value</li> </ul>	32 A		
	32 A 32 A		
• at 480 V rated value			
<ul><li>at 480 V rated value</li><li>at 600 V rated value</li></ul>			
at 480 V rated value     at 600 V rated value Short-circuit protection			
at 480 V rated value     at 600 V rated value Short-circuit protection design of the fuse link	32 A		
at 480 V rated value     at 600 V rated value Short-circuit protection design of the fuse link     o for short-circuit protection of the auxiliary switch required	32 A		
at 480 V rated value     at 600 V rated value Short-circuit protection design of the fuse link     o for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions	32 A fuse gG: 6 A, quick: 10 A		
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	32 A fuse gG: 6 A, quick: 10 A any		
at 480 V rated value     at 600 V rated value Short-circuit protection design of the fuse link     o for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method	32 A fuse gG: 6 A, quick: 10 A any Contactor mounting		
at 480 V rated value     at 600 V rated value Short-circuit protection design of the fuse link     o for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height	32 A fuse gG: 6 A, quick: 10 A any Contactor mounting 85 mm		
at 480 V rated value     at 600 V rated value Short-circuit protection design of the fuse link     o for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width	32 A fuse gG: 6 A, quick: 10 A any Contactor mounting 85 mm 45 mm		
at 480 V rated value     at 600 V rated value     Short-circuit protection     design of the fuse link         ofor short-circuit protection of the auxiliary switch required     Installation/ mounting/ dimensions     mounting position     fastening method     height     width     depth	32 A fuse gG: 6 A, quick: 10 A any Contactor mounting 85 mm 45 mm		
<ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> </ul> <li>Short-circuit protection         <ul> <li>design of the fuse link</li> <li>for short-circuit protection of the auxiliary switch required</li> </ul> </li> <li>Installation/ mounting/ dimensions         <ul> <li>mounting position</li> <li>fastening method</li> <li>height</li> <li>width</li> <li>depth</li> </ul> </li> <li>Connections/ Terminals         <ul> <li>product component removable terminal for auxiliary and</li> </ul> </li>	32 A fuse gG: 6 A, quick: 10 A any Contactor mounting 85 mm 45 mm 85 mm		
<ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> </ul> <li>Short-circuit protection         <ul> <li>design of the fuse link</li> <li>for short-circuit protection of the auxiliary switch required</li> </ul> </li> <li>Installation/ mounting/ dimensions         <ul> <li>mounting position</li> <li>fastening method</li> <li>height</li> <li>width</li> <li>depth</li> </ul> </li> <li>Connections/ Terminals         <ul> <li>product component removable terminal for auxiliary and control circuit</li> </ul> </li>	32 A fuse gG: 6 A, quick: 10 A any Contactor mounting 85 mm 45 mm 85 mm		
e at 480 V rated value     e at 600 V rated value     Short-circuit protection     design of the fuse link         e 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	32 A fuse gG: 6 A, quick: 10 A any Contactor mounting 85 mm 45 mm 85 mm No		
e at 480 V rated value     e at 600 V rated value     Short-circuit protection     design of the fuse link         e 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     e for main current circuit	32 A fuse gG: 6 A, quick: 10 A any Contactor mounting 85 mm 45 mm 85 mm No No		
<ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> </ul> Short-circuit protection <ul> <li>design of the fuse link</li> <li>for short-circuit protection of the auxiliary switch required</li> </ul> Installation/ mounting/ dimensions <ul> <li>mounting position</li> <li>fastening method</li> <li>height</li> <li>width</li> <li>depth</li> </ul> Connections/ Terminals <ul> <li>product component removable terminal for auxiliary and control circuit</li> <li>type of electrical connection</li> <li>for main current circuit</li> <li>for auxiliary and control circuit</li> </ul>	32 A fuse gG: 6 A, quick: 10 A any Contactor mounting 85 mm 45 mm 85 mm No No		
<ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> </ul> <li>Short-circuit protection         <ul> <li>design of the fuse link</li> <li>for short-circuit protection of the auxiliary switch required</li> </ul> </li> <li>Installation/ mounting/ dimensions         <ul> <li>mounting position</li> <li>fastening method</li> <li>height</li> <li>width</li> <li>depth</li> </ul> </li> <li>Connections/ Terminals         <ul> <li>product component removable terminal for auxiliary and control circuit</li> <li>type of electrical connection                 <ul> <li>for main current circuit</li> <li>for auxiliary and control circuit</li> </ul> </li> </ul> </li>	32 A fuse gG: 6 A, quick: 10 A any Contactor mounting 85 mm 45 mm 85 mm No No		
<ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> </ul> Short-circuit protection <ul> <li>design of the fuse link</li> <li>for short-circuit protection of the auxiliary switch required</li> </ul> Installation/ mounting/ dimensions <ul> <li>mounting position</li> <li>fastening method</li> <li>height</li> <li>width</li> <li>depth</li> </ul> Connections/ Terminals <ul> <li>product component removable terminal for auxiliary and control circuit</li> <li>type of electrical connection</li> <li>for main current circuit</li> <li>for auxiliary and control circuit</li> <li>arrangement of electrical connectors for main current circuit</li> <li>type of connectable conductor cross-sections</li> </ul>	32 A fuse gG: 6 A, quick: 10 A any Contactor mounting 85 mm 45 mm 85 mm No No		
<ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> </ul> Short-circuit protection <ul> <li>design of the fuse link</li> <li>for short-circuit protection of the auxiliary switch required</li> </ul> Installation/ mounting/ dimensions <ul> <li>mounting position</li> <li>fastening method</li> <li>height</li> <li>width</li> <li>depth</li> </ul> Connections/ Terminals <ul> <li>product component removable terminal for auxiliary and control circuit</li> <li>type of electrical connection</li> <li>for main current circuit</li> <li>for auxiliary and control circuit</li> <li>arrangement of electrical connectors for main current circuit</li> <li>type of connectable conductor cross-sections</li> <li>for main contacts <ul> <li>— solid or stranded</li> </ul> </li> </ul>	32 A fuse gG: 6 A, quick: 10 A any Contactor mounting 85 mm 45 mm 85 mm No No Screw-type terminals screw-type terminals Top and bottom 2x (1 2.5 mm <sup>2</sup> ), 2x (2.5 10 mm <sup>2</sup> )		
<ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> </ul> Short-circuit protection <ul> <li>design of the fuse link</li> <li>for short-circuit protection of the auxiliary switch required</li> </ul> Installation/ mounting/ dimensions <ul> <li>mounting position</li> <li>fastening method</li> <li>height</li> <li>width</li> <li>depth</li> </ul> Connections/ Terminals <ul> <li>product component removable terminal for auxiliary and control circuit</li> <li>type of electrical connection</li> <li>for main current circuit</li> <li>arrangement of electrical connectors for main current circuit</li> <li>type of connectable conductor cross-sections</li> <li>for main contacts</li> </ul>	32 A fuse gG: 6 A, quick: 10 A any Contactor mounting 85 mm 45 mm 85 mm 85 mm No No Screw-type terminals screw-type terminals Top and bottom 2x (1 2.5 mm <sup>2</sup> ), 2x (2.5 10 mm <sup>2</sup> ) 2x (1 2.5 mm <sup>2</sup> ), 2x (2.5 6 mm <sup>2</sup> ), 1x 10 mm <sup>2</sup>		
<ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> </ul> Short-circuit protection design of the fuse link <ul> <li>for short-circuit protection of the auxiliary switch required</li> </ul> Installation/ mounting/ dimensions <ul> <li>mounting position</li> <li>fastening method</li> <li>height</li> <li>width</li> <li>depth</li> </ul> Connections/ Terminals <ul> <li>product component removable terminal for auxiliary and control circuit</li> <li>type of electrical connection</li> <li>for main current circuit</li> <li>for auxiliary and control circuit</li> </ul> arrangement of electrical connectors for main current circuit <ul> <li>type of connectable conductor cross-sections</li> <li>for main contacts</li> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>for AWG cables for main contacts</li> </ul>	32 A fuse gG: 6 A, quick: 10 A any Contactor mounting 85 mm 45 mm 85 mm No No Screw-type terminals screw-type terminals Top and bottom 2x (1 2.5 mm <sup>2</sup> ), 2x (2.5 10 mm <sup>2</sup> )		
<ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> </ul> Short-circuit protection <ul> <li>design of the fuse link</li> <li>for short-circuit protection of the auxiliary switch required</li> </ul> Installation/ mounting/ dimensions <ul> <li>mounting position</li> <li>fastening method</li> <li>height</li> <li>width</li> <li>depth</li> </ul> Connections/ Terminals <ul> <li>product component removable terminal for auxiliary and control circuit</li> <li>type of electrical connection</li> <li>for main current circuit</li> <li>for auxiliary and control circuit</li> </ul> arrangement of electrical connectors for main current circuit <ul> <li>type of connectable conductor cross-sections</li> <li>for main contacts</li> <li>solid or stranded</li> <li>finely stranded with core end processing</li> </ul>	32 A fuse gG: 6 A, quick: 10 A any Contactor mounting 85 mm 45 mm 85 mm 85 mm No No Screw-type terminals screw-type terminals Top and bottom 2x (1 2.5 mm <sup>2</sup> ), 2x (2.5 10 mm <sup>2</sup> ) 2x (1 2.5 mm <sup>2</sup> ), 2x (2.5 6 mm <sup>2</sup> ), 1x 10 mm <sup>2</sup>		

<ul> <li>— solid or stranded</li> <li>— finely stranded with core end processing</li> <li>for AWG cables for auxiliary contacts</li> <li>tightening torque</li> <li>for main contacts with screw-type terminals</li> <li>for auxiliary contacts with screw-type terminals</li> <li>design of screwdriver shaft</li> <li>size of the screwdriver tip</li> <li>design of the thread of the connection screw</li> <li>for main contacts</li> <li>of the auxiliary and control contacts</li> <li>Safety related data</li> <li>failure rate [FIT] with low demand rate according to SN 31920</li> <li>MTTF with high demand rate</li> <li>T1 value for proof test interval or service life according to IEC 61508</li> <li>protection class IP on the front according to IEC 60529</li> </ul>	2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2x (20 16), 2x (18 14) 2 2.5 N·m 0.8 1.2 N·m Diameter 5 6 mm Pozidriv PZ 2 M4 M3 50 FIT 2 280 a 20 a			
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	
	EHC	IECEX	KEx ATEX	
Declaration of Conformity Test Certificat	es	Marine / Shipping		
EG-Konf. UK Type Test Cer EG-Konf.		ABS	BUREAU VERITAS	
Marine / Shipping			other	
DNV LRS PRS	RINA	KMRS	<u>Confirmation</u>	
other Railway				
Vibration and Shock				
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=3RU2126-4EB0         Cax online generator         http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RU2126-4EB0				

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

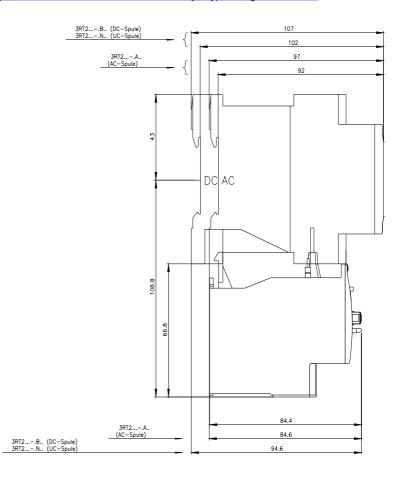
https://support.industry.siemens.com/cs/ww/en/ps/3RU2126-4EB0

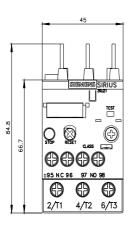
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

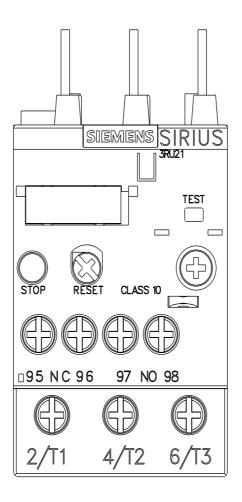
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RU2126-4EB0&lang=en Characteristic: Tripping characteristics, I2t, Let-through current

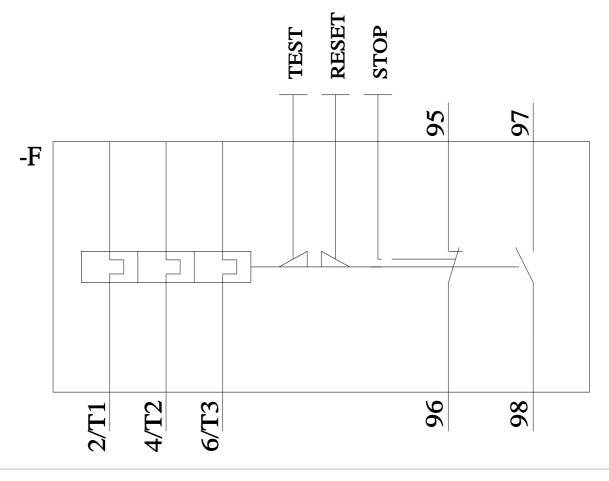
https://support.industry.siemens.com/cs/ww/en/ps/3RU2126-4EB0/char

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RU2126-4EB0&objecttype=14&gridview=view1









## last modified:

3/8/2022 🖸