## SIEMENS

## Data sheet

## 3RR2141-2AA30

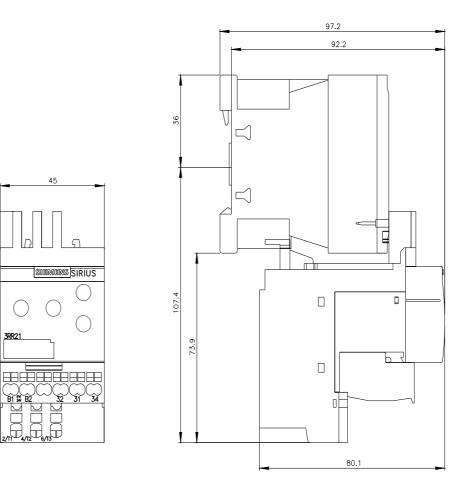


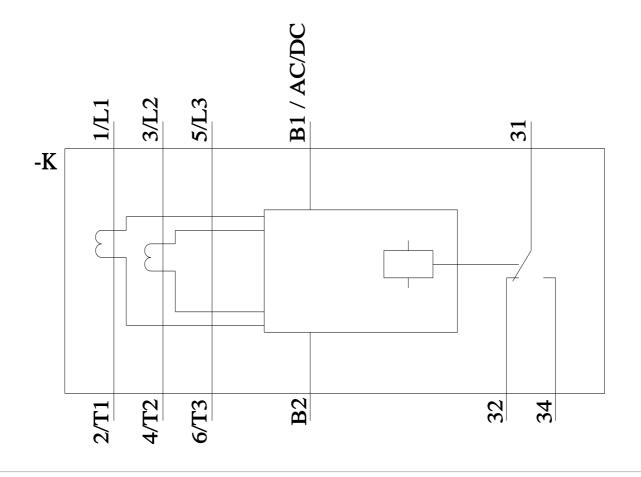
Monitoring relay, can be mounted to Contactor 3RT2, Size S00 basic, analog adjustment Apparent current monitoring 1.6-16 A, 20-400 Hz, 2-phase Supply 24 V AC/DC 1 change-over contact Monitoring for Current overshoot and undershoot Phase failure, Cable break with or without fault buffer ON delay 0-60 s Noise pulse suppression 0-30 s Switching hysteresis 6% spring-type connection system

product brand name         SIRUS           product designation         Monitoring relays           design of the product         analogically adjustable, 2-phase current monitoring           product type designation         SRR2           enand taching data         4           size of contactor can be combined company-specific         S00           operating apparent power rated value         4           insulation voltage for overvoltage category III according to         600 V           swith degree of polition 3 rated value         600 V           ow this degree of polition 3 rated value         61kV           consumed current at 24 V         90 mA           protection class IP         IP20           • on the front         IP20           • on the front         IP20           • on the front         IP20           • of the terminal         IP20           reference code according to IEC 81346-2         K           reference code according to IEC 81346-2         K           relative repeat accuracy         2 %           Substance Prohibitance (Date)         100/12009           SHP voltage         AC/DC           supply voltage 1 at AC         at 60 Hz rated value           • at 60 Hz rated value         24 V		
design of the product     analogically adjustable, 2-phase current monitoring       product type designation     3RR2       size of contactor can be combined company-specific     \$00       operating apparent power rated value     4 VA       insultation voltage for overvoltage category III according to IEC 60664     600 V       e with degree of pollution 3 rated value     690 V       e with degree of pollution 3 rated value     690 V       e with degree of pollution 3 rated value     690 V       e with degree of pollution 3 rated value     690 V       e on the front     IP20       • on the front     IP20       • on the front     IP20       • on the front     15g / 11 ms       mechanical service life (operating cycles) typical     10000 000       electrical endurance (operating cycles) typical     1000000       electrical endurance (operating cycles) typical     1000000       substance Prohibitance (Date)     10001/2009       SWHC substance name     Blei - 7439-92-1       Blei - 7439-92-1     Bleinonoxid (Bleioxid) - 1317-36-8       Supply voltage 1 at AC     24 V       • at 50 Hz rated value     24 V       • at 50 Hz rated value     24 V       • at 50 Hz rated value     24 V       • at 60 Hz rated value     24 V       • at 60 Hz rated value     24 V	product brand name	SIRIUS
product type designation         3RR2           General technical data	product designation	Monitoring relays
General technical data         size of contactor can be combined company-specific         \$00           operating apparent power rated value         4 VA           insulation voltage for overvoltage category III according to IEC 60664         600 V           surge voltage resistance rated value         600 V           surge voltage resistance rated value         600 V           consumed current at 24 V         90 mA           protection class IP         •           • on the front         IP20           • on the front         IP20           shock resistance         15g / 11 ms           mechanical service life (operating cycles) typical         100 000           electrical endurance (operating cycles) typical         100 000           electrical endurance (operating cycles) at AC-15 at 230 V         100 000           typical         100 000           reference code according to IEC 81346-2         K           relative repeat accuracy         2 %           Substance Prohibitance (Date)         100/12009           SWHC substance name         Biel-7339-2-1           Bielmonoxid (Bleloxid) - 1317-38-8         Supply voltage           type of voltage of the supply voltage         AC/IC C           supply voltage 1 at AC         24 V           • at 60 Hz rated value	design of the product	analogically adjustable, 2-phase current monitoring
size of contactor can be combined company-specific     S00       operating apparent power rated value     4 VA       insultation voltage for overvoltage category III according to     690 V       • with degree of pollution 3 rated value     690 V       surge voltage presistance rated value     6 kV       consumed current at 24 V     90 mA       protection class IP     6       • of the front     IP20       • of the terminal     IP20       shock resistance     15g/ 11 ms       mechanical service life (operating cycles) typical     100 000 00       electrical endurance (operating cycles) typical     100 000 00       electrical endurance (operating cycles) typical     100 000 00       glectrical endurance (operating cycles) typical     100 000 00       glectrical endurance (operating cycles) typical     100 000 00       glectrical endurance (Operating cycles) typical     100 000 00       synply voltage     2 %       Substance Prohibitance (Date)     10/01/2009       SVHC substance name     Blei-7439-92-1       Bleimonoxid (Bleioxid) - 1317-36-8       Supply voltage of the supply voltage     AC/DC       supply voltage 1 at AC     24 V       • at 50 Hz rated value     24 V       supply voltage frequency 1     50 60 Hz       Measuring circuit     1	product type designation	3RR2
operating apparent power rated value     4 VA       insulation voltage for overvoltage category III according to IEC 6666     690 V       surge voltage resistance rated value     690 V       consumed current at 24 V     90 mA       protection class IP     90 mA       • on the front     IP20       • of the terminal     1P20       shock resistance     15g / 11 ms       mechanical service life (operating cycles) typical     10 000 000       electrical endurance (operating cycles) at AC-15 at 230 V     100 000       vippical     100 000       erelative repeat accuracy     2 %       Substance Prohibitance (Date)     100/1/2009       SVHC substance name     Biei - 7439-92-1       Bieimonoxid (Bieloxid) - 1317-36-8     Supply voltage       4 vit 24 vite     24 V       • at 60 Hz rated value     24 V       • at 60 Hz rated value     24 V       • at 80 Hz rated value     24 V       •	General technical data	
insulation voltage for overvoltage category III according to IEC 60664     690 V       surge voltage resistance rated value     690 V       consumed current at 24 V     90 mA       protection class IP     6       • of the front     IP20       • of the terminal     IP20       shock resistance     15g / 11 ms       mechanical service life (operating cycles) typical     10 000 000       electrical endurance (operating cycles) typical     10 000 000       electrical endurance (operating cycles) at AC-15 at 230 V     100 000       typical     100 000       reference code according to IEC 81346-2     K       reference code according to IEC 81346-2     K       substance Prohibitance (Date)     100/1/2009       SVHC substance name     Biel - 7439-92-1       Biermonoxid (Bleioxid) - 1317-36-8       Supply voltage     AC/DC       supply voltage 1 at AC     24 V       • at 50 Hz rated value     24 V       • at 60 Hz rated value     24 V       supply voltage frequency 1     50 60 Hz       Measuring circuit     16 A       • 1     16 A       • 2     16 A       adjustable current for monitoring     AC       • 1     16 A       • 2     16 A       • 2     16 A <td< th=""><th>size of contactor can be combined company-specific</th><th>S00</th></td<>	size of contactor can be combined company-specific	S00
IEC 60664       690 V         • with degree of pollution 3 rated value       690 V         surge voltage resistance rated value       6 kV         consumed current at 24 V       90 mA         protection class IP       IP20         • of the front       IP20         • of the terminal       IP20         shock resistance       15g / 11 ms         mechanical service life (operating cycles) typical       10 000 000         electrical endurance (operating cycles) typical       10 0000         reference code according to IEC 81346-2       K         reflative repeat accuracy       2 %         Substance Prohibitance (Date)       10/01/2009         SVHC substance name       Blei-7439-92-1         Blei Protocode       24 V         • at 60 Hz rated value       24 V         • at 60 Hz rated value       24 V         supply voltage 1 at AC       50 60 Hz	operating apparent power rated value	4 VA
surge voltage resistance rated value       6 kV         consumed current at 24 V       90 mA         protection class IP       90 mA         • of the front       IP20         • of the terminal       IP20         shock resistance       15g / 11 ms         mechanical service life (operating cycles) typical       10 000 000         electrical endurance (operating cycles) typical       100 000         electrical endurance (operating cycles) at AC-15 at 230 V       100 000         typical       100 000         generate accuracy       2 %         Substance Prohibitance (Date)       10/01/2009         SVHC substance name       Blei - 7439-92-1         Bleimonoxid (Bleioxid) - 1317-36-8       Supply voltage         supply voltage       AC/DC         supply voltage of the supply voltage       AC/DC         supply voltage 1 at AC       24 V         • at 50 Hz rated value       24 V         supply voltage f at DC rated value       24 V         supply voltage f at DC rated value       24 V         supply voltage f at DC rated value       24 V         supply voltage f at DC rated value       24 V         supply voltage f at DC rated value       24 V         supply voltage f at DC rated value       <		
consumed current at 24 V     90 mA       protection class IP     IP20       • of the front     IP20       • of the terminal     IP20       shock resistance     15g / 11 ms       mechanical service life (operating cycles) typical     10 000 000       electrical endurance (operating cycles) at AC-15 at 230 V     100 000       reference code according to IEC 81346-2     K       reference code according to IEC 81346-2     K       relative repeat accuracy     2 %       Substance Prohibitance (Date)     100/1/2009       SVHC substance name     Blei - 7439-92-1       Bleimonoxid (Bleioxid) - 1317-36-8       Supply voltage     AC/DC       supply voltage of the supply voltage     AC/DC       supply voltage 1 at AC     24 V       • at 50 Hz rated value     24 V       supply voltage 1 at DC rated value     24 V       supply voltage 1 at DC rated value     24 V       supply voltage 1 at DC rated value     24 V       supply voltage 1 at DC rated value     24 V       supply voltage 1 at DC rated value     24 V       supply voltage 1 at DC rated value     24 V       supply voltage 1 at DC rated value     24 V       supply voltage 1 at DC rated value     24 V       supply voltage 1 at DC rated value     24 V       supply voltage	<ul> <li>with degree of pollution 3 rated value</li> </ul>	690 V
protection class IP <ul> <li>on the front</li> <li>IP20</li> <li>of the terminal</li> <li>IP20</li> </ul> shock resistance         15g / 11 ms           mechanical service life (operating cycles) typical         10 000 000           electrical endurance (operating cycles) at AC-15 at 230 V         100 0000           typical         100 0000           reference code according to IEC 81346-2         K           refative repeat accuracy         2 %           Substance Prohibitance (Date)         10/01/2009           SHC substance name         Blei - 7439-92-1           Bleimonoxid (Bleioxid) - 1317-36-8         Supply voltage           Supply voltage 1 at AC         -           • at 50 Hz rated value         24 V           • at 50 Hz rated value         24 V           supply voltage 1 at DC rated value         24 V           supply voltage frequency 1         50 60 Hz           Measuring circuit         -           type of current for monitoring         AC           adjustable current response value current         - <th>surge voltage resistance rated value</th> <th>6 kV</th>	surge voltage resistance rated value	6 kV
• on the front     IP20       • of the terminal     IP20       shock resistance     15g / 11 ms       mechanical service life (operating cycles) typical     10 000 000       electrical endurance (operating cycles) at AC-15 at 230 V     100 000       typical     100 000       reference code according to IEC 81346-2     K       reference code according to IEC 81346-2     K       substance Prohibitance (Date)     10/01/2009       SVHC substance name     Blei - 7439-92-1       Bleimonoxid (Bleioxid) - 1317-36-8       Supply voltage     AC/DC       supply voltage 1 at AC     -       • at 60 Hz rated value     24 V       supply voltage 1 at DC rated value     24 V       supply voltage 1 at DC rated value     24 V       supply voltage 1 at DC rated value     24 V       supply voltage 1 at DC rated value     24 V       supply voltage 1 at DC rated value     24 V       supply voltage 1 at DC rated value     24 V       supply voltage 1 at DC rated value     24 V       supply voltage 1 at DC rated value     24 V       supply voltage 1 at DC rated value     24 V       supply voltage frequency 1     50 60 Hz       Measuring circuit     -       • 1     1.6 16 A       • 2     1.6 16 A	consumed current at 24 V	90 mA
• of the terminal       IP20         shock resistance       15g / 11 ms         mechanical service life (operating cycles) typical       10 000 000         electrical endurance (operating cycles) at AC-15 at 230 V       100 000         typical       100 000         reference code according to IEC 81346-2       K         relative repeat accuracy       2 %         Substance Prohibitance (Date)       10/01/2009         SVHC substance name       Blei - 7439-92-1         Bleimonoxid (Bleioxid) - 1317-36-8         Supply voltage       AC/DC         supply voltage 1 at AC           • at 50 Hz rated value       24 V         • at 50 Hz rated value       24 V         supply voltage 1 at DC rated value       24 V         • at 60 Hz rated value       24 V         supply voltage frequency 1       50 u 60 Hz         Measuring circuit       type of current for monitoring         AC           adjustable current response value current           • 1       1.6 16 A         adjustable response delay time           • with lower or upper limit violation       0 30 s	protection class IP	
shock resistance       15g / 11 ms         mechanical service life (operating cycles) typical       10 000 000         electrical endurance (operating cycles) at AC-15 at 230 V       100 000         typical       100 000         reference code according to IEC 81346-2       K         relative repeat accuracy       2 %         Substance Prohibitance (Date)       10/01/2009         SVHC substance name       Blei - 7439-92-1         Bleimonoxid (Bleioxid) - 1317-36-8         Supply voltage       AC/DC         supply voltage 1 at AC       24 V         • at 50 Hz rated value       24 V         supply voltage 1 at DC rated value       24 V         supply voltage 1 at DC rated value       24 V         supply voltage 1 at DC rated value       24 V         supply voltage 1 at DC rated value       24 V         supply voltage 1 at DC rated value       24 V         supply voltage frequency 1       50 60 Hz         Measuring circuit       16 16 A         • 1       1.6 16 A         • 2       1.6 16 A <td< th=""><th>• on the front</th><th>IP20</th></td<>	• on the front	IP20
mechanical service life (operating cycles) typical     10 000 000       electrical endurance (operating cycles) at AC-15 at 230 V     100 000       typical     100 000       reference code according to IEC 81346-2     K       relative repeat accuracy     2 %       Substance Prohibitance (Date)     10/01/2009       SVHC substance name     Blei - 7439-92-1       Bleimonoxid (Bleioxid) - 1317-36-8       Supply voltage     AC/DC       supply voltage 1 at AC     4V       • at 50 Hz rated value     24 V       • at 60 Hz rated value     24 V       supply voltage 1 at DC rated value     24 V       • at 60 Hz rated value     24 V       supply voltage frequency 1     50 60 Hz       Measuring circuit     4C       type of current for monitoring     AC       adjustable current response value current     1.6 16 A       • 2     1.6 16 A       • 1     60 s       • 1     0 60 s       • with lower or upper limit violation     0 30 s	of the terminal	IP20
electrical endurance (operating cycles) at AC-15 at 230 V       100 000         typical       100 000         reference code according to IEC 81346-2       K         relative repeat accuracy       2 %         Substance Prohibitance (Date)       10/01/2009         SVHC substance name       Blei - 7439-92-1         Bleimonoxid (Bleioxid) - 1317-36-8         Supply voltage       AC/DC         supply voltage 1 at AC       4         • at 50 Hz rated value       24 V         supply voltage 1 at DC rated value       24 V         supply voltage 1 at DC rated value       24 V         supply voltage frequency 1       50 60 Hz         Measuring circuit       4C         type of current for monitoring       AC         adjustable current response value current       1.6 16 A         • 2       1.6 16 A         • 2       0 60 s         • when starting       0 60 s         • when starting       0 30 s	shock resistance	15g / 11 ms
typical       reference code according to IEC 81346-2       K         relative repeat accuracy       2 %         Substance Prohibitance (Date)       10/01/2009         SVHC substance name       Biei - 7439-92-1         Bleimonoxid (Bleioxid) - 1317-36-8         Supply voltage       AC/DC         supply voltage of the supply voltage       AC/DC         supply voltage 1 at AC       24 V         • at 50 Hz rated value       24 V         supply voltage 1 at DC rated value       24 V         supply voltage 1 at DC rated value       24 V         supply voltage 1 at DC rated value       24 V         supply voltage frequency 1       50 60 Hz         Measuring circuit       16 16 A         • 1       1.6 16 A         • 2       1.6 16 A         • 2       0 60 s         outen starting       0 60 s         • when starting       0 60 s         • with lower or upper limit violation       0 30 s	mechanical service life (operating cycles) typical	10 000 000
relative repeat accuracy       2 %         Substance Prohibitance (Date)       10/01/2009         SVHC substance name       Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8         Supply voltage       AC/DC         supply voltage of the supply voltage       AC/DC         supply voltage 1 at AC       • at 50 Hz rated value         • at 50 Hz rated value       24 V         supply voltage 1 at DC rated value       24 V         supply voltage 1 at DC rated value       24 V         supply voltage 1 at DC rated value       24 V         supply voltage frequency 1       50 60 Hz         Measuring circuit       tupe of current for monitoring         adjustable current response value current       1         • 1       1.6 16 A         • 2       1.6 16 A         • 2       0 60 s         • when starting       0 60 s         • with lower or upper limit violation       0 30 s		100 000
Substance Prohibitance (Date)       10/01/2009         SVHC substance name       Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8         Supply voltage       AC/DC         supply voltage 1 at AC       4         • at 50 Hz rated value       24 V         • at 60 Hz rated value       24 V         supply voltage 1 at DC rated value       24 V         supply voltage 1 at DC rated value       24 V         supply voltage 1 at DC rated value       24 V         supply voltage frequency 1       50 60 Hz         Measuring circuit       4C         type of current for monitoring       AC         adjustable current response value current       1         • 1       1.6 16 A         • 2       1.6 16 A         • 2       0 60 s         • when starting       0 60 s         • with lower or upper limit violation       0 30 s	reference code according to IEC 81346-2	К
SVHC substance name       Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8         Supply voltage       AC/DC         supply voltage 1 at AC <ul> <li>at 50 Hz rated value</li> <li>24 V</li> <li>at 60 Hz rated value</li> <li>24 V</li> </ul> supply voltage 1 at DC rated value       24 V         at 60 Hz rated value       24 V         supply voltage 1 at DC rated value       24 V         supply voltage frequency 1       50 60 Hz         Measuring circuit           type of current for monitoring       AC         adjustable current response value current           • 1           • 2           • 1            • 1           • 1           • 1            • 1           • 2           øulgistable response delay time         • when starting           • with lower or upper limit violation           Precision	relative repeat accuracy	2 %
Bleimonoxid (Bleioxid) - 1317-36-8       Supply voltage       type of voltage of the supply voltage       supply voltage 1 at AC       • at 50 Hz rated value       • at 60 Hz rated value       • at 60 Hz rated value       24 V       supply voltage 1 at DC rated value       24 V       supply voltage frequency 1       50 60 Hz       Measuring circuit       type of current for monitoring       adjustable current response value current       • 1     1.6 16 A       • 2     1.6 16 A       adjustable response delay time     0 60 s       • when starting     0 60 s       • with lower or upper limit violation     0 30 s	Substance Prohibitance (Date)	10/01/2009
type of voltage of the supply voltage       AC/DC         supply voltage 1 at AC       24 V         • at 50 Hz rated value       24 V         supply voltage 1 at DC rated value       24 V         supply voltage frequency 1       50 60 Hz         Measuring circuit       4C/DC         type of current for monitoring       AC         adjustable current response value current       1.6 16 A         • 2       1.6 16 A         adjustable response delay time       0 60 s         • when starting       0 60 s         • with lower or upper limit violation       0 30 s         Precision       1	SVHC substance name	
supply voltage 1 at AC       24 V         • at 50 Hz rated value       24 V         • at 60 Hz rated value       24 V         supply voltage 1 at DC rated value       24 V         supply voltage frequency 1       50 60 Hz         Measuring circuit       4C         type of current for monitoring       AC         adjustable current response value current       1.6 16 A         • 1       1.6 16 A         • 2       1.6 16 A         adjustable response delay time       0 60 s         • when starting       0 60 s         • with lower or upper limit violation       0 30 s	Supply voltage	
• at 50 Hz rated value       24 V         • at 60 Hz rated value       24 V         supply voltage 1 at DC rated value       24 V         supply voltage frequency 1       50 60 Hz         Measuring circuit       4C         type of current for monitoring       AC         adjustable current response value current       1.6 16 A         • 1       1.6 16 A         • 2       1.6 16 A         e 2       0 60 s         • when starting       0 60 s         • with lower or upper limit violation       0 30 s	type of voltage of the supply voltage	AC/DC
• at 60 Hz rated value       24 V         supply voltage 1 at DC rated value       24 V         supply voltage frequency 1       50 60 Hz         Measuring circuit       40 Hz         type of current for monitoring       AC         adjustable current response value current       1.6 16 A         • 1       1.6 16 A         • 2       1.6 16 A         adjustable response delay time       0 60 s         • with lower or upper limit violation       0 30 s	supply voltage 1 at AC	
supply voltage 1 at DC rated value     24 V       supply voltage frequency 1     50 60 Hz       Measuring circuit     4C       type of current for monitoring     AC       adjustable current response value current     1.6 16 A       • 1     1.6 16 A       • 2     1.6 16 A       adjustable response delay time     0 60 s       • when starting     0 60 s       • with lower or upper limit violation     0 30 s	• at 50 Hz rated value	24 V
supply voltage frequency 1       50 60 Hz         Measuring circuit       AC         type of current for monitoring       AC         adjustable current response value current	• at 60 Hz rated value	24 V
Measuring circuit     AC       type of current for monitoring     AC       adjustable current response value current     1.6 16 A       • 1     1.6 16 A       • 2     1.6 16 A       adjustable response delay time     0 60 s       • with lower or upper limit violation     0 30 s	supply voltage 1 at DC rated value	24 V
type of current for monitoring       AC         adjustable current response value current	supply voltage frequency 1	50 60 Hz
adjustable current response value current     1       • 1     1.6 16 A       • 2     1.6 16 A       adjustable response delay time     0 60 s       • when starting     0 60 s       • with lower or upper limit violation     0 30 s	Measuring circuit	
• 1       1.6 16 A         • 2       1.6 16 A         adjustable response delay time       16 A         • when starting       0 60 s         • with lower or upper limit violation       0 30 s	type of current for monitoring	AC
• 2     1.6 16 A       adjustable response delay time     •       • when starting     0 60 s       • with lower or upper limit violation     0 30 s	adjustable current response value current	
adjustable response delay time     0 60 s       • when starting     0 60 s       • with lower or upper limit violation     0 30 s	• 1	1.6 16 A
when starting     o 60 s     with lower or upper limit violation     0 30 s  Precision	• 2	1.6 16 A
with lower or upper limit violation     O 30 s  Precision	adjustable response delay time	
Precision	when starting	0 60 s
	<ul> <li>with lower or upper limit violation</li> </ul>	0 30 s
temperature drift per °C 0.1 %/°C	Precision	
	temperature drift per °C	0.1 %/°C

Short-circuit protection	
design of the fuse link for short-circuit protection of the auxiliary	fuse gG: 4 A
switch required	1000 go. + /
Communication/ Protocol	
protocol is supported IO-Link protocol	No
type of voltage supply via input/output link master	No
Auxiliary circuit	
number of CO contacts	
<ul> <li>for auxiliary contacts</li> </ul>	1
operational current of auxiliary contacts at AC-15	
• at 24 V	3 A
• at 230 V	3 A
• at 400 V	3 A
operational current of auxiliary contacts at DC-13	
• at 24 V	1A
• at 125 V	0.2 A
the at 250 V contact rating of auxiliary contacts according to UL	0.1 A B300 / R300
Main circuit	
operating power rated value	2.5 W
ampacity of the semiconductor output in SIO mode	2.5 W 20 mA
operational current at 17 V minimum	5 mA
Electromagnetic compatibility	
EMC emitted interference according to IEC 60947-1	ambience A (industrial sector)
EMC immunity according to IEC 60947-1	ambience A (industrial sector)
Connections/ Terminals	
product component removable terminal for main circuit	No
product component removable terminal for auxiliary and control circuit	Yes
type of electrical connection	
for main current circuit	spring-loaded terminals
<ul> <li>for auxiliary and control circuit</li> </ul>	spring-loaded terminals
type of connectable conductor cross-sections for main contacts	
• solid	1x (0.5 4 mm²)
<ul> <li>finely stranded with core end processing</li> </ul>	1x (0.5 2.5 mm²)
<ul> <li>finely stranded without core end processing</li> </ul>	1x (0.5 2.5 mm²)
connectable conductor cross-section for main contacts	
solid or stranded	0.5 4 mm <sup>2</sup>
finely stranded with core end processing	2.5 2.5 mm <sup>2</sup>
finely stranded without core end processing	0.5 2.5 mm²
type of connectable conductor cross-sections	
for auxiliary contacts	$4v(0.5 - 4mm^2) 2v(0.5 - 0.5mm^2)$
— solid	1x (0.5 4 mm <sup>2</sup> ), 2x (0.5 2.5 mm <sup>2</sup> )
<ul> <li>— finely stranded with core end processing</li> <li>— finely stranded without core end processing</li> </ul>	2x (0.25 1.5 mm²) 2x (0.25 1.5 mm²)
<ul> <li>Intely stranded without core and processing</li> <li>for AWG cables for auxiliary contacts</li> </ul>	2x (0.25 1.5 mm <sup>-</sup> ) 2x (24 16)
AWG number as coded connectable conductor cross section for main contacts	20 12
tightening torque with screw-type terminals	0.8 1.2 N·m
Installation/ mounting/ dimensions	
mounting position	any
fastening method	direct mounting
height	90 mm
width	45 mm
depth	80 mm
required spacing	
• with side-by-side mounting	
— forwards	0 mm
— backwards	0 mm
— upwards	0 mm
— downwards	0 mm

— at the side					
		0 mn	ı		
<ul> <li>for grounded part</li> </ul>	ts				
- forwards		6 mm	า		
- backwards		0 mm	า		
— upwards		0 mm	ı		
— at the side		6 mm	ı		
- downwards		0 mm	ı		
<ul> <li>for live parts</li> </ul>					
— forwards		6 mm	า		
— backwards		0 mm	า		
— upwards		0 mm	n		
— downwards		0 mm	n		
— at the side		6 mm	ı		
mbient conditions					
installation altitude at he	eight above sea level max	imum 2 000	) m		
ambient temperature					
<ul> <li>during operation</li> </ul>		-25	+60 °C		
<ul> <li>during storage</li> </ul>			+80 °C		
pprovals Certificates		10			
					Declaration of Con
General Product Appr	roval			EMC	Declaration of Con- formity
Confirmation		~		^	
	( <b>m</b> )	(Uı)	EUF		C F
			EUL	Ś	
	ccc	UL		RCM	EG-Konf.
Declaration of Con-					
formity	Test Certificates		Marine / Shipping		
formity		Type Test Certific-	Marine / Shipping		(PA)
formity	Special Test Certific- ate	Type Test Certific- ates/Test Report	Marine / Shipping	Lloyds	6
formity UK	Special Test Certific-		Marine / Shipping	Lloyd's Register	٢
formity	Special Test Certific-		Marine / Shipping	Lloyd's Register uts	PRS
formity UK	Special Test Certific-		۲	Llovd's Register uis	PRS
UK CA	Special Test Certific-	ates/Test Report	۲	Lloyd's Register uts	PRS
formity UK	Special Test Certific-		۲	Lloyd's Register uts	PRS
UK CA	Special Test Certific-	ates/Test Report	۲	Llovd's Register uts	PRS
UK CA	Special Test Certific-	ates/Test Report	۲	Llovd's Register uts	PRS
UK CA	Special Test Certific- ate	ates/Test Report	۲	Llovds Register uts	PRS
UK CA	Special Test Certific-	ates/Test Report	۲	Llovds Register uis	PRS
UK CA	Special Test Certific- ate	ates/Test Report	۲	Lloyds Register uts	PRS
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