## SIEMENS

## Data sheet

## 3RT1476-6AT36



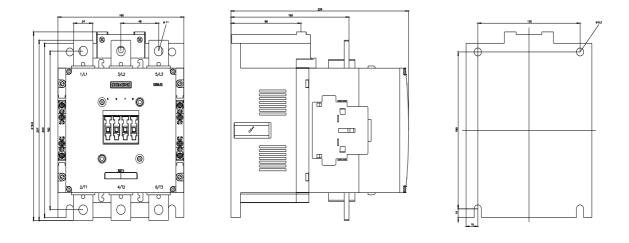
power contactor AC-1 690 A / 690 V / 40  $^\circ$ C 3-pole, Uc: 575-600 V AC(50-60 Hz) / DC drive: conventional auxiliary contacts 2 NO + 2 NC main circuit: busbar control and auxiliary circuit: screw terminal

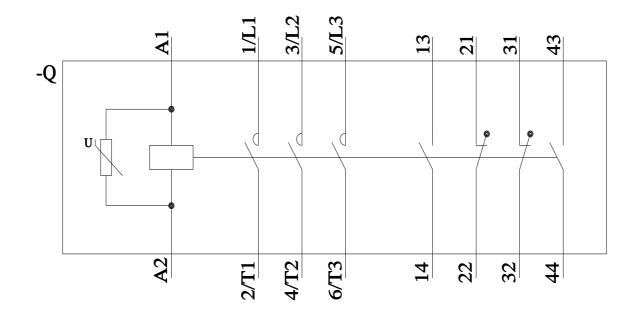
product brand name	SIRIUS		
product designation	Contactor		
product type designation	3RT14		
General technical data			
size of contactor	S12		
product extension			
<ul> <li>function module for communication</li> </ul>	No		
auxiliary switch	Yes		
power loss [W] for rated value of the current			
<ul> <li>at AC in hot operating state</li> </ul>	185.7 W		
<ul> <li>at AC in hot operating state per pole</li> </ul>	61.9 W		
<ul> <li>without load current share typical</li> </ul>	10 W		
insulation voltage			
<ul> <li>of main circuit with degree of pollution 3 rated value</li> </ul>	1 000 V		
<ul> <li>of auxiliary circuit with degree of pollution 3 rated value</li> </ul>	500 V		
surge voltage resistance			
<ul> <li>of main circuit rated value</li> </ul>	8 kV		
<ul> <li>of auxiliary circuit rated value</li> </ul>	6 kV		
shock resistance at rectangular impulse			
• at AC	8,5g / 5 ms, 4,2g / 10 ms		
• at DC	8,5g / 5 ms, 4,2g / 10 ms		
shock resistance with sine pulse			
• at AC	13,4g / 5 ms, 6,5g / 10 ms		
• at DC	13,4g / 5 ms, 6,5g / 10 ms		
mechanical service life (operating cycles)			
<ul> <li>of contactor typical</li> </ul>	10 000 000		
<ul> <li>of the contactor with added electronically optimized auxiliary switch block typical</li> </ul>	5 000 000		
<ul> <li>of the contactor with added auxiliary switch block typical</li> </ul>	10 000 000		
reference code according to IEC 81346-2	Q		
Substance Prohibitance (Date)	05/01/2012		
Ambient conditions			
installation altitude at height above sea level maximum	2 000 m		
ambient temperature			
during operation	-25 +60 °C		
during storage	-55 +80 °C		
relative humidity minimum	10 %		
relative humidity at 55 °C according to IEC 60068-2-30 maximum	95 %		
Main circuit			
number of poles for main current circuit	3		

number of NO contacts for main contacts	3
number of NC contacts for main contacts	0
type of voltage for main current circuit	AC
operational current	
• at AC-1	
<ul> <li>up to 690 V at ambient temperature 40 °C rated value</li> </ul>	690 A
— up to 690 V at ambient temperature 55 °C rated value	650 A
— up to 690 V at ambient temperature 60 °C rated value	650 A
• at AC-3	
— at 400 V rated value	170 A
— at 690 V rated value	170 A
minimum cross-section in main circuit at maximum AC-1 rated value	480 mm <sup>2</sup>
no-load switching frequency	
• at AC	2 000 1/h
• at DC	2 000 1/h
operating frequency at AC-1 maximum	600 1/h
Control circuit/ Control	
type of voltage	AC/DC
type of voltage of the control supply voltage	AC/DC
control supply voltage at AC	
• at 50 Hz rated value	575 600 V
• at 60 Hz rated value	575 600 V
control supply voltage at DC	
rated value	575 600 V
operating range factor control supply voltage rated value of magnet coil at DC	
initial value	0.8
• full-scale value	1.1
operating range factor control supply voltage rated value of magnet coil at AC	
• at 50 Hz	0.8 1.1
• at 60 Hz	0.8 1.1
design of the surge suppressor	with varistor
apparent pick-up power of magnet coil at AC	
• at 50 Hz	830 VA
inductive power factor with closing power of the coil	
• at 50 Hz	0.9
apparent holding power of magnet coil at AC	0.01/4
• at 50 Hz	9.2 VA
inductive power factor with the holding power of the coil	0.0
• at 50 Hz	0.9
closing power of magnet coil at DC	920 W
holding power of magnet coil at DC	10 W
closing delay	45 100 mg
• at AC	45 100 ms
• at DC	45 100 ms
opening delay	60 100 mg
• at AC • at DC	60 100 ms 60 100 ms
	00 100 ms 10 15 ms
arcing time control version of the switch operating mechanism	Standard A1 - A2
Auxiliary circuit	
	2
number of NC contacts for auxiliary contacts	
attachable     instantaneous contact	4
instantaneous contact	2
number of NO contacts for auxiliary contacts	2
attachable     instantaneous contact	4
<ul> <li>instantaneous contact</li> </ul>	2

operational current at AC-12 maximum         10 A           operational current at AC-15
• at 230 V rated value       6 A         • at 400 V rated value       3 A         • at 500 V rated value       2 A         • at 500 V rated value       1 A         operational current at DC-13
et 400 V rated value       3 A         et 400 V rated value       2 A         et 600 V rated value       1 A         operational current at DC-13       1         et 42 V rated value       10 A         et at 80 V rated value       2 A         et at 80 V rated value       2 A         et at 80 V rated value       2 A         et at 60 V rated value       2 A         et at 60 V rated value       0.9 A         et 125 V rated value       0.1 A         design of the miniature circuit breaker for short-circuit protection       gG: 10 A (230 V, 400 A)         of the auxiliary switch required       0.1 A         design of the miniature circuit protection       gG: 10 A (230 V, 400 A)         of for short-circuit protection       No         product function short circuit protection       No         design of the fuse link           of or short-circuit protection of the main circuit           - with type of coordination 1 required       gG: 800 A (690 V, 50 kA)         of or short-circuit protection of the auxiliary switch required       gG: 10 A (500 V, 100 kA)         iof short-circuit protection of the auxiliary switch required       gG: 10 A (500 V, 100 kA)         iof short-circuit protection of the auxiliary switch required
• at 590 V rated value       1A         operational current at DC-13       -         • at 24 V rated value       10 A         • at 24 V rated value       2 A         • at 48 V rated value       2 A         • at 60 V rated value       2 A         • at 10 V rated value       0.9 A         • at 125 V rated value       0.9 A         • at 20 V rated value       0.1 A         • design of the ministure circuit breaker for short-circuit protection of the auxiliary sorther lequired       0.6 (230 V, 400 A)         contact reliability of auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         Short-circuit protection of the main circuit       -         - with type of coordination 1 required       9G: 800 A (690 V, 50 kA)         - with type of coordination 1 required       9G: 800 A (690 V, 50 kA)         - with type of coordination 1 required       9G: 10 A (500 V, 10 kA)         - with type of coordination 1 required       9G: 10 A (500 V, 10 kA)         - with type of coordination 1 required       9G: 10 A (500 V, 10 kA)
• at 690 V rated value       1 A         operational current at DC-13       -         • at 24 V rated value       10 A         • at 48 V rated value       2 A         • at 60 V rated value       2 A         • at 10 V rated value       2 A         • at 110 V rated value       0.9 A         • at 200 V rated value       0.1 A         • at 200 V rated value       0.1 A         design of the miniature circuit breaker for short-circuit protection of the auxiliary switch required       gG: 10 A (230 V, 400 A)         concater telability of auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         Short-circuit protection       No         design of the fuse link       -         • for short-circuit protection of the main circuit       -         - with type of coordination 1 required       gG: 800 A (690 V, 50 kA)         - with type of coordination 1 required       gG: 10 A (690 V, 10 kA)         • for short-circuit protection of the auxiliary switch required       gG: 10 A (690 V, 10 kA)         • fastening method       screw fixing         • fastening method       screw fixing         • side-by-side mounting       Yes         height       214 mm         width       160 mm         depth       225 mm
operational current at DC-13         • at 24 V rated value       10 A         • at 84 V rated value       2 A         • at 80 V rated value       2 A         • at 10 V rated value       1 A         • at 110 V rated value       1 A         • at 125 V rated value       0.9 A         • at 220 V rated value       0.3 A         • at 60 V rated value       0.1 A         design of the miniature circuit breaker for short-circuit protection of the auxiliary switch required       0.1 A         design of the miniature circuit breaker for short-circuit protection       of (230 V, 400 A)         contact reliability of auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         Short-circuit protection of the main circuit
• at 24 V rated value10 A• at 48 V rated value2 A• at 60 V rated value2 A• at 10 V rated value1 A• at 125 V rated value0.9 A• at 220 V rated value0.3 A• at 220 V rated value0.1 Adesign of the miniature circuit breaker for short-circuit protectiongG: 10 A (230 V, 400 A)of the auxiliary switch required1 faulty switching per 100 million (17 V, 1 mA)Short-circuit protectionNodesign of the fuse link- with type of coordination 1 required• for short-circuit protection of the main circuit- with type of coordination 1 required• or short-circuit protection of the auxiliary switch requiredgG: 800 A (690 V, 50 kA)- with type of sasignment 2 requiredgG: 800 A (690 V, 100 kA)• for short-circuit protection of the main circuit- with type of assignment 2 required• of short-circuit protection of the auxiliary switch requiredgG: 800 A (690 V, 100 kA)• of short-circuit protection of the auxiliary switch requiredgG: 800 A (690 V, 100 kA)• of short-circuit protection of the auxiliary switch requiredgG: 800 A (690 V, 100 kA)• of short-circuit protection of the auxiliary switch requiredgG: 10 A (500 V, 100 kA)• of short-circuit protection of the auxiliary switch requiredgG: 10 A (500 V, 100 kA)• of short-circuit protection of the auxiliary switch requiredgG: 10 A (500 V, 100 kA)• of short-circuit protection of the auxiliary switch requiredgG: 10 A (500 V, 100 kA)• of short-circuit protection of the auxiliary switch requiredgG:
• at 48 V rated value       2 A         • at 60 V rated value       2 A         • at 110 V rated value       1 A         • at 125 V rated value       0.9 A         • at 220 V rated value       0.3 A         • at 200 V rated value       0.1 A         design of the miniature circuit breaker for short-circuit protection of the auxiliary switch required       gG: 10 A (230 V, 400 A)         contact reliability of auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         Short-circuit protection       No         design of the fuse link       - with type of coordination 1 required         • for short-circuit protection of the main circuit       - with type of assignment 2 required         • or short-circuit protection of the auxiliary switch required       gG: 10 A (690 V, 100 kA)         • for short-circuit protection of the auxiliary switch required       gG: 10 A (690 V, 100 kA)         • for short-circuit protection of the auxiliary switch required       gG: 10 A (690 V, 100 kA)         • for short-circuit protection of the auxiliary switch required       gG: 10 A (690 V, 100 kA)         • for short-circuit protection of the auxiliary switch required       gG: 10 A (690 V, 100 kA)         • for short-circuit protection of the auxiliary switch required       gG: 10 A (690 V, 100 kA)         • for short-circuit protection of the auxiliary switch required       gG: 10 A
• at 60 V rated value       2 A         • at 110 V rated value       1 A         • at 125 V rated value       0.9 A         • at 220 V rated value       0.1 A         design of the miniature circuit breaker for short-circuit protection of the auxiliary switch required       0.1 A         contact reliability of auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         Short-circuit protection       gG: 10 A (230 V, 400 A)         of the auxiliary switch required       1 faulty switching per 100 million (17 V, 1 mA)         Short-circuit protection       No         design of the fuse link       •         • for short-circuit protection of the main circuit       -         - with type of coordination 1 required       gG: 800 A (690 V, 50 kA)         - with type of coordination 1 required       gG: 10 A (690 V, 100 kA)         i for short-circuit protection of the auxiliary switch required       gG: 10 A (690 V, 100 kA)         i for short-circuit protection of the auxiliary switch required       gG: 10 A (690 V, 100 kA)         i fastening method       screw fixing         • side-by-side mounting       Yes         height       214 mm         width       160 mm         depth       225 mm         required spacing       • with side-by-side mounting <tr< td=""></tr<>
• at 110 V rated value       1 A         • at 125 V rated value       0.9 A         • at 220 V rated value       0.3 A         • at 600 V rated value       0.1 A         design of the miniture circuit breaker for short-circuit protection of the auxiliary switch required       0.1 A (230 V, 400 A)         contact reliability of auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         Short-circuit protection       No         design of the fuse link       -         • of rshort-circuit protection of the main circuit       -         • with type of coordination 1 required       gG: 800 A (690 V, 50 kA)         • of short-circuit protection of the auxiliary switch required       gG: 10 A (250 V, 100 kA)         • for short-circuit protection of the auxiliary switch required       gG: 10 A (690 V, 50 kA)         • with type of assignment 2 required       gG: 10 A (690 V, 100 kA)         • for short-circuit protection of the auxiliary switch required       gG: 10 A (500 V, 10 kA)         • for short-circuit protection of the auxiliary switch required       gG: 10 A (500 V, 10 kA)         • side-by-side mounting       +/- 22.5" tittable to the front and back         fastening method       screw fixing         • side-by-side mounting       Yes         height       214 mm         width       160 mm
• at 125 V rated value       0.9 Å         • at 220 V rated value       0.3 Å         • at 600 V rated value       0.1 Å         design of the miniature circuit breaker for short-circuit protection of the auxiliary switch required       gG: 10 Å (230 V, 400 Å)         contact reliability of auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mÅ)         Short-circuit protection       No         design of the fuse link       -         • for short-circuit protection of the main circuit       -         - with type of coordination 1 required       gG: 800 Å (690 V, 50 kÅ)         - with type of assignment 2 required       gG: 10 Å (500 V, 10 kÅ)         • for short-circuit protection of the auxiliary switch required       gG: 10 Å (500 V, 10 kÅ)         • for short-circuit protection of the auxiliary switch required       gG: 10 Å (500 V, 10 kÅ)         • for short-circuit protection of the auxiliary switch required       gG: 10 Å (500 V, 1 kÅ)         Installation/ mounting / dimensions       with vertical mounting surface ±/-90° rotatable, with vertical mounting surface ±/-22.5° tiltable to the front and back         fastening method       screw fixing       Yes         height       214 mm       225 mm         required spacing       ewith side-by-side mounting       225 mm         e with side-by-side mounting       220 mm       20 mm
• at 220 V rated value       0.3 Å         • at 600 V rated value       0.1 Å         design of the miniature circuit breaker for short-circuit protection of the auxiliary switch required       gG: 10 Å (230 V, 400 Å)         contact reliability of auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mÅ)         Short-circuit protection       No         design of the fuse link       • for short-circuit protection of the main circuit         - with type of coordination 1 required       gG: 800 Å (690 V, 50 kÅ)         - with type of assignment 2 required       gG: 10 Å (690 V, 100 kÅ)         • for short-circuit protection of the auxiliary switch required       gG: 10 Å (690 V, 100 kÅ)         - with type of assignment 2 required       gG: 10 Å (690 V, 100 kÅ)         • for short-circuit protection of the auxiliary switch required       gG: 10 Å (690 V, 100 kÅ)         • for short-circuit protection of the auxiliary switch required       gG: 10 Å (690 V, 100 kÅ)         • for short-circuit protection of the auxiliary switch required       gG: 10 Å (690 V, 100 kÅ)         • fastening method       screw fixing         • side-by-side mounting       Yes         height       214 mm         width       160 mm         depth       225 mm         required spacing       • with side-by-side mounting         • with side-by-si
• at 600 V rated value       0.1 Å         design of the miniature circuit breaker for short-circuit protection of the auxiliary switch required       gG: 10 Å (230 V, 400 Å)         contact reliability of auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mÅ)         Short-circuit protection       No         design of the fuse link       • for short-circuit protection of the main circuit         - with type of coordination 1 required       gG: 800 Å (690 V, 50 kÅ)         - with type of assignment 2 required       gG: 10 Å (500 V, 100 kÅ)         • for short-circuit protection of the auxiliary switch required       gG: 10 Å (500 V, 100 kÅ)         • for short-dircuit protection of the auxiliary switch required       gG: 20 Å (500 V, 100 kÅ)         • for short-dircuit protection of the auxiliary switch required       gG: 10 Å (500 V, 100 kÅ)         • for short-dircuit protection of the auxiliary switch required       gG: 10 Å (500 V, 100 kÅ)         • for short-dircuit protection of the auxiliary switch required       gG: 10 Å (500 V, 100 kÅ)         • fastening method       screw fixing         • side-by-side mounting       Yes         height       214 mm         width       160 mm         depth       225 mm         required spacing       • with side-by-side mounting         • with side-by-side mounting       20 mm    <
design of the miniature circuit breaker for short-circuit protection of the auxiliary switch required       gG: 10 A (230 V, 400 A)         contact reliability of auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         Short-circuit protection       No         design of the fuse link       • for short-circuit protection of the main circuit         - with type of coordination 1 required       gG: 800 A (690 V, 50 kA)         - with type of assignment 2 required       gR: 710 A (690 V, 100 kA)         • for short-circuit protection of the auxiliary switch required       gG: 10 A (500 V, 1 kA)         Installation/ mounting/ dimensions       with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-22.5° tiltable to the front and back         fastening method       screw fixing         • side-by-side mounting       Yes         height       214 mm         with side-by-side mounting       225 mm         required spacing       ewith side-by-side mounting         • with side-by-side mounting       225 mm
of the auxiliary switch required       1 faulty switching per 100 million (17 V, 1 mA)         Short-circuit protection       No         design of the fuse link       • for short-circuit protection of the main circuit         - with type of coordination 1 required       gG: 800 A (690 V, 50 kA)         - with type of assignment 2 required       gR: 710 A (690 V, 100 kA)         • for short-circuit protection of the auxiliary switch required       gG: 10 A (500 V, 1 kA)         Installation/ mounting/ dimensions       with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-22.5° tiltable to the front and back         fastening method       screw fixing         • side-by-side mounting       Yes         height       214 mm         width       160 mm         depth       225 mm         required spacing       • with side-by-side mounting         • with side-by-side mounting       225 mm
contact reliability of auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         Short-circuit protection       No         product function short circuit protection       No         design of the fuse link       • for short-circuit protection of the main circuit         with type of coordination 1 required       gG: 800 A (690 V, 50 kA)         with type of assignment 2 required       gR: 710 A (690 V, 100 kA)         • for short-circuit protection of the auxiliary switch required       gG: 10 A (500 V, 100 kA)         • for short-circuit protection of the auxiliary switch required       gG: 10 A (500 V, 10 kA)         Installation/ mounting/ dimensions       with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-22.5° tillable to the front and back         fastening method       screw fixing         • side-by-side mounting       Yes         height       214 mm         width       160 mm         depth       225 mm         required spacing       with side-by-side mounting         • with side-by-side mounting       20 mm
Short-circuit protection       No         design of the fuse link       • for short-circuit protection of the main circuit         - with type of coordination 1 required       gG: 800 A (690 V, 50 kA)         - with type of assignment 2 required       gR: 710 A (690 V, 100 kA)         • for short-circuit protection of the auxiliary switch required       gG: 10 A (500 V, 10 kA)         • for short-circuit protection of the auxiliary switch required       gG: 10 A (500 V, 1 kA)         Installation/ mounting/ dimensions       with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back         fastening method       screw fixing         • side-by-side mounting       Yes         height       214 mm         width       160 mm         depth       225 mm         required spacing       with side-by-side mounting         • with side-by-side mounting       20 mm
design of the fuse link <ul> <li>for short-circuit protection of the main circuit</li> <li>with type of coordination 1 required</li> <li>gG: 800 A (690 V, 50 kA)</li> <li>with type of assignment 2 required</li> <li>gR: 710 A (690 V, 100 kA)</li> <li>for short-circuit protection of the auxiliary switch required</li> <li>gG: 10 A (500 V, 100 kA)</li> </ul> <li>Installation/ mounting/ dimensions</li> <li>mounting position</li> <li>with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-22.5° tiltable to the front and back</li> <li>fastening method         <ul> <li>side-by-side mounting</li> <li>Yes</li> <li>height</li> <li>214 mm</li> <li>width</li> <li>160 mm</li> <li>225 mm</li> </ul> </li> <li>required spacing         <ul> <li>with side-by-side mounting</li> <li>with side-by-side mounting</li> <li>20 mm</li> </ul> </li>
• for short-circuit protection of the main circuitgG: 800 A (690 V, 50 kA)- with type of coordination 1 requiredgG: 800 A (690 V, 50 kA)- with type of assignment 2 requiredgR: 710 A (690 V, 100 kA)• for short-circuit protection of the auxiliary switch requiredgG: 10 A (500 V, 1 kA)Installation/ mounting/ dimensionswith vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-22.5° tiltable to the front and backfastening methodscrew fixing• side-by-side mountingYesheight214 mmwidth160 mmdepth225 mmrequired spacingwith side-by-side mounting• with side-by-side mounting20 mm
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- with type of coordination 1 requiredgG: 800 A (690 V, 50 kA)- with type of assignment 2 requiredgR: 710 A (690 V, 100 kA)• for short-circuit protection of the auxiliary switch requiredgG: 10 A (500 V, 1 kA)Installation/ mounting/ dimensionswith vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and backfastening methodscrew fixing• side-by-side mountingYesheight214 mmwidth160 mmdepth225 mmrequired spacing • with side-by-side mounting20 mm
<ul> <li>for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA)</li> <li>Installation/ mounting/ dimensions</li> <li>mounting position</li> <li>with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back</li> <li>fastening method</li> <li>side-by-side mounting</li> <li>Yes</li> <li>height</li> <li>214 mm</li> <li>width</li> <li>160 mm</li> <li>225 mm</li> <li>required spacing</li> <li>with side-by-side mounting</li> <li>20 mm</li> </ul>
Installation/ mounting/ dimensions         mounting position       with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back         fastening method       screw fixing         • side-by-side mounting       Yes         height       214 mm         width       160 mm         depth       225 mm         required spacing       • with side-by-side mounting         - forwards       20 mm
mounting position       with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back         fastening method       screw fixing         • side-by-side mounting       Yes         height       214 mm         width       160 mm         depth       225 mm         required spacing       • with side-by-side mounting         - forwards       20 mm
+/- 22.5° tiltable to the front and back       fastening method     screw fixing       • side-by-side mounting     Yes       height     214 mm       width     160 mm       depth     225 mm       required spacing     • with side-by-side mounting       - forwards     20 mm
• side-by-side mounting     Yes       height     214 mm       width     160 mm       depth     225 mm       required spacing • with side-by-side mounting — forwards     20 mm
height     214 mm       width     160 mm       depth     225 mm       required spacing     • with side-by-side mounting       - forwards     20 mm
width     160 mm       depth     225 mm       required spacing     • with side-by-side mounting       - forwards     20 mm
depth     225 mm       required spacing     • with side-by-side mounting       - forwards     20 mm
required spacing       • with side-by-side mounting       — forwards       20 mm
with side-by-side mounting
— forwards 20 mm
— upwards 10 mm
— downwards 10 mm
— at the side 0 mm
for grounded parts
— forwards 20 mm
— upwards 10 mm
- at the side 10 mm
— downwards 10 mm
for live parts     forwards     20 mm
— IDIWards 20 mm — upwards 10 mm
- downwards 10 mm
- at the side 10 mm
Connections/ Terminals
type of electrical connection
for main current circuit     Connection bar
for auxiliary and control circuit     screw-type terminals
at contactor for auxiliary contacts     Screw-type terminals
of magnet coil     Screw-type terminals
width of connection bar 25 mm
thickness of connection bar 6 mm
thickness of connection bar     6 mm       diameter of holes     11 mm
diameter of holes 11 mm
diameter of holes     11 mm       number of holes     1

connectable conductor c	ross-section for auxi	liary contacts					
<ul> <li>solid or stranded</li> </ul>		-	0.5 4 mm	2			
<ul> <li>finely stranded with core end processing</li> </ul>			0.5 2.5 mm <sup>2</sup>				
type of connectable cond	uctor cross-sections	3					
<ul> <li>for auxiliary contacts</li> </ul>							
— solid			2x (0.5 1	5 mm <sup>2</sup> ) 2x (0 75	2.5 mm²), max. 2x (0.7	5 4 mm <sup>2</sup> )	
— solid or strande	h				2,5 mm <sup>2</sup> ), max. 2x (0,7		
	with core end process	ina		.5 mm²), 2x (0,75		o + min )	
-		sing			·		
for AWG cables for a			28 (20 10	6), 2x (18 14), 1	1X 12		
Safety related data				_			
product function							
<ul> <li>mirror contact according to IEC 60947-4-1</li> </ul>			Yes				
<ul> <li>positively driven ope</li> </ul>			No				
protection class IP on the			IP00; IP20 with box terminal/cover				
touch protection on the f	ront according to IEC	60529	finger-safe, for vertical contact from the front with box terminal/cover				
Certificates/ approvals							
General Product Approv	al				EMC	Functional Safety/Safety of Ma- chinery	
(SP)	<u>Confirmation</u>	(h) u		EHC	RCM	Type Examination Cer- tificate	
		-					
Declaration of Conformit	у	Test Certificate	es		Marine / Shipping		
EG-Konf.	UK CA	ate	<u>a</u> f	<u>es/Test Report</u>	ABS		
Marine / Shipping			oth	er			
PRS	RMRS RMRS	DNV-GL		<u>Confirmation</u>	<u>Miscellaneous</u>	<u>Confirmation</u>	
Railway							
<u>Special Test Certific-</u> <u>\</u> <u>ate</u>	/ibration and Shock						
Further information							
Siemens has decided to e	axit the Russian mar	ket (see here)					
https://press.siemens.com/ Siemens is working on th Please contact your local S EAC relevant market (other Information on the packa	global/en/pressrelease e renewal of the curr iemens office on the s than the sanctioned I ging	e/siemens-wind-do rent EAC certifica status of validity of EAEU member sta	ates. the EAC certi	fication if you inte	end to import or offer to su	pply these products to an	
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