## SIEMENS

## Data sheet

## 3RT1466-2AP36



Contactor, AC-1, 400 A/690 V/40  $^\circ$ C, S10, 3-pole, 220-240 V AC/DC, with varistor, 2 NO+2 NC, Connection rail/ Spring-type terminal

product brand name	SIRIUS
product designation	Contactor
product type designation	3RT14
General technical data	
size of contactor	S10
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>	105.6 W
<ul> <li>at AC in hot operating state per pole</li> </ul>	35.2 W
<ul> <li>without load current share typical</li> </ul>	7.4 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 (switching 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	
<ul> <li>during operation</li> </ul>	-25 +60 °C
during storage	-55 +80 °C
relative humidity minimum	10 %
relative humidity at 55 °C according to IEC 60068-2-30	95 %

maximum	
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	
— up to 690 V at ambient temperature 40 °C	400 A
rated value	
— up to 690 V at ambient temperature 55 °C	380 A
rated value	
— up to 690 V at ambient temperature 60 °C rated value	380 A
• at AC-3	
	400 A
— at 400 V rated value	138 A
— at 690 V rated value	138 A
minimum cross-section in main circuit at maximum AC-1 rated value	240 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	220 240 V
at 60 Hz rated value	220 240 V
control supply voltage at DC	
• rated value	220 240 V
operating range factor control supply voltage rated	
value of magnet coil at DC	
<ul> <li>initial value</li> </ul>	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	500 V/A
• at 50 Hz	590 VA
inductive power factor with closing power of the coil	
• at 50 Hz	0.9
apparent holding power of magnet coil at AC	6.7.)/A
• at 50 Hz	6.7 VA
inductive power factor with the holding power of the coil	
• at 50 Hz	0.9
closing power of magnet coil at DC	650 W
holding power of magnet coil at DC	7.4 W
closing delay	
• at AC	30 95 ms
● at DC	30 95 ms
opening delay	
• at AC	40 80 ms
• at DC	40 80 ms
arcing time	10 15 ms
control version of the switch operating mechanism	Standard A1 - A2
Auxiliary circuit	
number of NC contacts for auxiliary contacts	2
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• attachable	1
attachable     instantaneous contact	4 2
instantaneous contact     number of NO contacts for auxiliary contacts	2
attachable	4
instantaneous contact	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 690 V rated value	1A
operational current at DC-13	
at 24 V rated value	10 A
• at 48 V rated value	2 A
<ul> <li>at 60 V rated value</li> </ul>	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 600 V rated value	0.1 A
design of the miniature circuit breaker for short-circuit	gG: 10 A (230 V, 400 A)
protection of the auxiliary switch required	
contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)
Short-circuit protection	
product function short circuit protection	No
design of the fuse link	
<ul> <li>for short-circuit protection of the main circuit</li> </ul>	
<ul> <li>— with type of coordination 1 required</li> </ul>	gG: 500 A (690 V, 100 kA)
<ul> <li>— with type of assignment 2 required</li> </ul>	gR: 500 A (690 V, 100 kA)
<ul> <li>for short-circuit protection of the auxiliary switch</li> </ul>	gG: 10 A (500 V, 1 kA)
required	
Installation/ mounting/ dimensions	
mounting position	with vertical mounting surface $+/-90^{\circ}$ rotatable, with vertical mounting surface $+/-22.5^{\circ}$ tiltable to the front and back
	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing
mounting position	surface +/- 22.5° tiltable to the front and back
mounting position fastening method	surface +/- 22.5° tiltable to the front and back screw fixing
mounting position         fastening method         • side-by-side mounting	surface +/- 22.5° tiltable to the front and back screw fixing Yes
mounting position fastening method • side-by-side mounting height	surface +/- 22.5° tiltable to the front and back screw fixing Yes 210 mm
mounting position fastening method • side-by-side mounting height width	surface +/- 22.5° tiltable to the front and back screw fixing Yes 210 mm 145 mm
mounting position fastening method side-by-side mounting height width depth	surface +/- 22.5° tiltable to the front and back screw fixing Yes 210 mm 145 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing	surface +/- 22.5° tiltable to the front and back screw fixing Yes 210 mm 145 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing         • with side-by-side mounting	surface +/- 22.5° tiltable to the front and back screw fixing Yes 210 mm 145 mm 202 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing         • with side-by-side mounting         — forwards	surface +/- 22.5° tiltable to the front and back screw fixing Yes 210 mm 145 mm 202 mm 20 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing         • with side-by-side mounting         — forwards         — upwards	surface +/- 22.5° tiltable to the front and back screw fixing Yes 210 mm 145 mm 202 mm 20 mm 10 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing         • with side-by-side mounting         — forwards         — upwards         — downwards	surface +/- 22.5° tiltable to the front and back screw fixing Yes 210 mm 145 mm 202 mm 10 mm 10 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing         • with side-by-side mounting         — forwards         — upwards         — downwards         — at the side	surface +/- 22.5° tiltable to the front and back screw fixing Yes 210 mm 145 mm 202 mm 10 mm 10 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing         • with side-by-side mounting         — forwards         — upwards         — downwards         — at the side         • for grounded parts	surface +/- 22.5° tiltable to the front and back screw fixing Yes 210 mm 145 mm 202 mm 20 mm 10 mm 10 mm 0 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing         • with side-by-side mounting         — forwards         — upwards         — at the side         • for grounded parts         — forwards	surface +/- 22.5° tiltable to the front and back screw fixing Yes 210 mm 145 mm 202 mm 20 mm 10 mm 10 mm 0 mm 20 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing         • with side-by-side mounting         — forwards         — upwards         — downwards         — at the side         • for grounded parts         — forwards         — upwards         — of owneds         — one owneds         — ownwards	surface +/- 22.5° tiltable to the front and back screw fixing Yes 210 mm 145 mm 202 mm 20 mm 10 mm 10 mm 0 mm 20 mm 10 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing         • with side-by-side mounting         — forwards         — upwards         — downwards         — at the side         • for grounded parts         — oforwards         — upwards         — oforwards         — lownwards         — othe side         • for grounded parts         — forwards         — upwards         — othe side         — forwards         — it the side         — for live parts	surface +/- 22.5° tiltable to the front and back screw fixing Yes 210 mm 145 mm 202 mm 20 mm 10 mm 10 mm 20 mm 10 mm 10 mm 10 mm 10 mm 10 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing         • with side-by-side mounting         — forwards         — upwards         — downwards         — at the side         • for grounded parts         — forwards         — upwards         — forwards         — forwards         — forwards         — ownwards         — forwards         — forwards         — forwards         — forwards         — forwards         — forwards         • for live parts         — forwards	surface +/- 22.5° tiltable to the front and back screw fixing Yes 210 mm 145 mm 202 mm 20 mm 10 mm 0 mm 20 mm 10 mm 10 mm 10 mm 20 mm 10 mm 20 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing         • with side-by-side mounting         — forwards         — upwards         — downwards         — at the side         • for grounded parts         — forwards         — at the side         • for grounded parts         — downwards         — at the side         — forwards         — upwards         — of ownwards         — upwards         — upwards         — upwards         — upwards         • for live parts         — forwards         — upwards	surface +/- 22.5° tiltable to the front and back screw fixing Yes 210 mm 145 mm 202 mm 20 mm 10 mm 0 mm 20 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing         • with side-by-side mounting         — forwards         — upwards         — downwards         — at the side         • for grounded parts         — forwards         — upwards         — other side         • for grounded parts         — forwards         — upwards         — other side         — forwards         — upwards         — other side         — downwards         • for live parts         — forwards         — upwards         — downwards	surface +/- 22.5° tiltable to the front and back screw fixing Yes 210 mm 145 mm 202 mm 20 mm 10 mm 10 mm 20 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing         • with side-by-side mounting         - forwards         - upwards         - downwards         - at the side         • for grounded parts         - forwards         - at the side         - forwards         - at the side         - forwards         - upwards         - at the side         - downwards         - at the side         - downwards         • for live parts         - forwards         - upwards         - downwards         - at the side         - downwards         - at the side	surface +/- 22.5° tiltable to the front and back screw fixing Yes 210 mm 145 mm 202 mm 20 mm 10 mm 0 mm 20 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing         • with side-by-side mounting         - forwards         - upwards         - downwards         - at the side         • for grounded parts         - forwards         - upwards         - at the side         • for live parts         - forwards         - upwards         - at the side         - downwards         - at the side         - downwards         - forwards         - at the side         - downwards         - at the side	surface +/- 22.5° tiltable to the front and back screw fixing Yes 210 mm 145 mm 202 mm 20 mm 10 mm 10 mm 20 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing         • with side-by-side mounting         — forwards         — upwards         — downwards         — at the side         • for grounded parts         — forwards         — upwards         — at the side         • for live parts         — forwards         — upwards         — at the side         — downwards         • for live parts         — forwards         — upwards         — at the side         Ownwards         — at the side         Mounting         — with side         • for live parts         — at the side         — downwards         — at the side         Connections/ Terminals         type of electrical connection	surface +/- 22.5° tiltable to the front and back screw fixing Yes 210 mm 145 mm 202 mm 20 mm 10 mm 0 mm 20 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing         • with side-by-side mounting         - forwards         - upwards         - downwards         - at the side         • for grounded parts         - forwards         - at the side         • for grounded parts         - forwards         - at the side         - forwards         - at the side         - downwards         - at the side         - downwards         - at the side         - downwards         - forwards         - upwards         - downwards         - forwards         - at the side         Connections/ Terminals         type of electrical connection         • for main current circuit	surface +/- 22.5° tiltable to the front and back screw fixing Yes 210 mm 145 mm 202 mm 20 mm 10 mm 0 mm 20 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing         • with side-by-side mounting         - forwards         - upwards         - downwards         - at the side         • for grounded parts         - forwards         - at the side         - forwards         - at the side         - downwards         - forwards         - upwards         - at the side         - downwards         - at the side         Connections/ Terminals         type of electrical connection         • for main current circuit         • for auxiliary and control circuit	surface +/- 22.5° tiltable to the front and back screw fixing Yes 210 mm 145 mm 202 mm 20 mm 10 mm 0 mm 20 mm 10 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing         • with side-by-side mounting         - forwards         - upwards         - downwards         - at the side         • for grounded parts         - forwards         - at the side         - downwards         - for live parts         - forwards         - upwards         - downwards         - at the side         Oconnections/ Terminals         type of electrical connection         • for main current circuit         • for auxiliary and control circuit         • at contactor for auxiliary contacts	surface +/- 22.5° tiltable to the front and back screw fixing Yes 210 mm 145 mm 202 mm 20 mm 10 mm 10 mm 0 mm 20 mm 10 mm 1
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing         • with side-by-side mounting         - forwards         - upwards         - downwards         - at the side         • for grounded parts         - forwards         - at the side         - forwards         - at the side         - downwards         - forwards         - upwards         - at the side         - downwards         - at the side         Connections/ Terminals         type of electrical connection         • for main current circuit         • for auxiliary and control circuit	surface +/- 22.5° tiltable to the front and back screw fixing Yes 210 mm 145 mm 202 mm 20 mm 10 mm 0 mm 20 mm 10 mm

type of connectable conductor cross-section for main indication of connectable conductor cross-section for main indication in the form according to IEC 00000000000000000000000000000000000						
contractable conductor cross-section for main contractable conductor cross-section for auxillary contexts     70240 mm²       a solid or stranded infery stranded withou core and processing infery stranded withou core and processin	type of connectable	e conductor cross-sectio	ns			
contacts       70 240 mm²         solid or stranded       70 240 mm²         connectable conductor cross-section for auxiliary       70 240 mm²         infey stranded with core end processing       0.25 2.5 mm²         Vpo of connectable conductor cross-sections       0.25 2.5 mm²         infey stranded with core end processing       27 (0.25 2.5 mm²         void or stranded       22 (0.25 2.5 mm²         infey stranded with core end processing       27 (0.25 2.5 mm²         infer stranded       22 (0.25 2.5 mm²         infer stranded       22 (0.25 2.5 mm²         void or stranded       22 (0.25 2.5 mm²         infer stranded with core end processing       22 (0.25 2.5 mm²         infer stranded       22 (0.25 2.5 mm²         void or stranded       22 (0.25 2.5 mm²         infer stranded with core end processing       22 (0.25 2.5 mm²         infer stranded with core end processing       22 (0.25 2.5 mm²         infer stranded with core end processing       22 (0.25 2.5 mm²         infer stranded with core end processing       22 (0.25 2.5 mm²         infer stranded with core end processing       22 (0.25 2.5 mm²         infer stranded with core end processing       10 ter         infer stranded with core end procesing	<ul> <li>at AWG cables</li> </ul>	s for main contacts	2	2/0 500 kcmil		
<ul> <li>sidi or stranded</li> <li>sidi or stranded</li> <li>a sidi or stranded</li> <li>b sidi or stranded</li> <li>c or stranded</li></ul>		ctor cross-section for ma	ain			
• stranded       70 240 mm³         • ordid or stranded       0.25 2.5 mm³         • finely stranded with core end processing       0.25 2.5 mm³         • finely stranded with core end processing       0.25 2.5 mm³         • ordid or stranded       0.25 2.5 mm³         • solid or stranded       22 (0.25 2.5 mm³)         • or auxiliary contacts       22 (0.25 2.5 mm²)         • or auxiliary contacts       22 (0.25 2.5 mm²)         • a olid or stranded       22 (0.25 2.5 mm²)         • a olid or stranded       22 (0.25 2.5 mm²)         • a olid or stranded       22 (0.25 2.5 mm²)         • a olid or stranded       22 (0.25 2.5 mm²)         • a olid or stranded       22 (0.25 2.5 mm²)         • a olid or stranded       22 (0.25 2.5 mm²)         • a olid or stranded       22 (0.25 2.5 mm²)         • a olid or stranded       22 (0.25 2.5 mm²)         • a olid or stranded       22 (0.25 2.5 mm²)         • a olid or stranded       10 (0.25 (0.25 2.5 mm²)         • a olid or stranded       10 (0.25 (0.25 2.5 mm²)         • product function       10 (0.5 (0.000)         • a olid or stranded       10 (0.5 (0.000)         • product function       10 (0.5 (0.000)		- 4		70 040		
contractable conductor cross-section for auxiliary contractable conductor cross-sections     0.25 25 mm <sup>3</sup> 0.25 25 25 mm <sup>3</sup> 0.25 15 15 mm <sup>3</sup> 0.25 15 15 15 15 15 15 15 1		ea				
contacts <ul> <li>Selid or shanded</li> <li>Sinely stranded with core end processing</li> <li>Sinely stranded without core end processing</li> <li>Sinely stranded with core end processing</li> <li>Sinely stranded without core end processing</li> <li>Sinely stranded with core end processing</li> <li>Sinely strande processing</li> <li>Sinely strande with core end processing</li> <li< td=""><td></td><td>star aroas sastian for au</td><td></td><td>70 240 mm-</td><td></td><td></td></li<></ul>		star aroas sastian for au		70 240 mm-		
<ul> <li>a fiely stranded without core end processing</li> <li>b fiely stranded without cores end processing</li> <li>c fiely stranded without cores end processing</li> <li>c fiely stranded with core end processing</li> <li>fiely stranded with core end processing</li></ul>		ctor cross-section for au	xillary			
<ul> <li>a fiely stranded without core end processing</li> <li>b fiely stranded without cores end processing</li> <li>c fiely stranded without cores end processing</li> <li>c fiely stranded with core end processing</li> <li>fiely stranded with core end processing</li></ul>			C	0.25 2.5 mm²		
<ul> <li> <ul> <li></li></ul></li></ul>						
type of connectable conductor cross-sections <ul> <li>for auxiliary contracts</li> <li>solid or stranded</li> <li>solid or stranded</li> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>at AWG cables for auxiliary contracts</li> <li>postitively driven operation according to IEC 60947-4.1</li> <li>at auxiliary contracts</li> <li>postitively driven operation according to IEC 60947-4.1</li> <li>at auxiliary contracts</li> <li>postitively driven operation according to IEC 60947-4.1</li> <li>at auxiliary contracts</li> <li>postitively driven operation according to IEC 60947-4.1</li> <li>at auxiliary contracts</li> <li>postitively driven operation according to IEC 60947-4.1</li> <li>at auxiliary contracts</li> <li>postitively driven operation according to IEC 60947-4.1</li> <li>at auxiliary contracts</li> <li>postitively driven operation according to IEC 60947-4.1</li> <li>at auxiliary contracts</li> <li>at auxiliary contracts</li></ul>						
<ul> <li>In the suxiliary contacts         <ul> <li>a sold</li></ul></li></ul>						
<ul> <li>- solid</li> <li>- solid or strandel</li> <li>- solid or strandel</li> <li>- solid or strandel</li> <li>- finely stranded with core end processing</li> <li>- finely stranded with core end processing</li> <li>- takWG cables for auxiliary contacts</li> <li>- takWG cables f</li></ul>						
- Inely stranded with core end processing - Inely stranded without core end processing at AUK cables for auxiliary contacts softwy related data       2x (0.2 s 15 mm <sup>2</sup> ) 2x (0.2 s 25 mm <sup>2</sup> ) 2x (0.	-		2	2x (0.25 2.5 mm²)		
- Inely stranded with core end processing - Inely stranded without core end processing at AUK cables for auxiliary contacts softwy related data       2x (0.2 s 15 mm <sup>2</sup> ) 2x (0.2 s 25 mm <sup>2</sup> ) 2x (0.						
• at AVIG cables for auxiliary contacts       2x (24 14)         ataty related data       For product function       Yes         • ninric or contact according to IEC 60947-5-1       Yes         • positively driven operation according to IEC 60947-5-1       Prove Product function       Prove Product Approval         protection class IP on the front according to IEC 60520       IP00; IP20 with box terminal/cover       IP00; IP20 with box terminal/cover         confirmation       EMC       EMC         Confirmation       EMC       EMC         Second       Confirmation       EMC         Functional Safety of Machinery       Declaration of Conformity       Test Certificates       Marine / Shipping         Type Examination Lass       EMC       EMC       EMC       EMC         Marine / Shipping       EME       EME       EME       EME         Marine / Shipping       EME       Emeral Product Approval       EME       EME         If yee Examination Lass Condition of Conformity       Emeral Product Approval       Emeral Product Product Approval       Emeral Product Product Approval       Emeral Product Product Product Product	— finely stra	anded with core end proces	sing 2	2x (0.25 1.5 mm²)		
Safety related data         product function         • mirror contact according to IEC 60947-4.1         • positively driven operation according to IEC 60947- 5-1         Protection class IP on the front according to IEC 60529         functional source class IP on the front according to IEC 60529         functional source class IP on the front according to IEC 60529         foreral Product Approvals         General Product Approvals         General Product Approvals         Confirmation         Safety/Safety of Machinery         Declaration of Conformity         Type Examination Certificates         Vis         Type Examination Certificate         USE         Safety/Safety of Machinery         Declaration of Conformity         Type Examination Certificate         USE       Special Test Certific- ate	— finely stra	anded without core end pro	cessing 2	2x (0.25 2.5 mm²)		
product function       • initror contact according to IEC 60947-4-1     Yes       • positively driven operation according to IEC 60947- 5-1     No       • protection class IP on the front according to IEC 60529     IP00; IP20 with box terminal/cover       forefaces/approvals     IP00; IP20 with box terminal/cover       General Product Approval     EMC       Image: safe, for vertical contact from the front with box terminal/cover     Image: safe, for vertical contact from the front with box terminal/cover       Image: safe product Approval     Image: safe, for vertical contact from the front with box terminal/cover     Image: safe, for vertical contact from the front with box terminal/cover       Image: safe product Approval     Image: safe, for vertical contact from the front with box terminal/cover     Image: safe, for vertical contact from the front with box terminal/cover       Image: safe product Approval     Image: safe, for vertical contact from the front with box terminal/cover     Image: safe, for vertical contact from the front with box terminal/cover       Image: safe product Approval     Image: safe, for vertical contact from the front with box terminal/cover     Image: safe, for vertical contact from the front safe product Approval       Image: safe product Approval     Image: safe product Approval     Image: safe product Approval     Image: safe product Approval       Image: safe product Approval     Image: safe product Approval     Image: safe product Approval     Image: safe product Approval       Image: safe p	<ul> <li>at AWG cables</li> </ul>	s for auxiliary contacts	2	2x (24 14)		
• mirror contact according to IEC 60947-4.1 • positively driven operation according to IEC 60947- 5-1      Yes No       protection class IP on the front according to IEC 60920     IP00; IP20 with box terminal/cover       touch protection on the front according to IEC 60920     IP00; IP20 with box terminal/cover       continuation     finger-safe, for vertical contact from the front with box terminal/cover       continuation     continuation       functional Safety/Safety of Machinery     Continuation       Type Examination Certificates     Declaration of Conformity     Test Certificates ates/fest Report       Type Examination Certificates     Confirmation       functional Safety/Safety of Machinery     Special Test Certificates     Type Test Certificates ates/fest Report       toward     toward     toward     toward       toward     toward     toward     toward       toward     toward     toward     toward	Safety related data					
• mirror contact according to IEC 60947-4.1 • positively driven operation according to IEC 60947- 5-1      Yes No       protection class IP on the front according to IEC 60920     IP00; IP20 with box terminal/cover       touch protection on the front according to IEC 60920     IP00; IP20 with box terminal/cover       continuation     finger-safe, for vertical contact from the front with box terminal/cover       continuation     continuation       functional Safety/Safety of Machinery     Continuation       Type Examination Certificates     Declaration of Conformity     Test Certificates ates/fest Report       Type Examination Certificates     Confirmation       functional Safety/Safety of Machinery     Special Test Certificates     Type Test Certificates ates/fest Report       toward     toward     toward     toward       toward     toward     toward     toward       toward     toward     toward     toward						
e.positively driven operation according to IEC 60947-	•	according to IEC 60947-4-	1	Yes		
60529       toruch protection on the front according to IEC 60529       inger-safe, for vertical contact from the front with box terminal/cover         Ceneral Product Approval       EMC         Confirmation       Confirmation       ECC         Functional Safety/Safety of Machinery       Declaration of Conformity       Test Certificates       Marine / Shipping         Type Examination Certificate       ECC       Special Test Certific       Type Test Certific-ates       Low         Marine / Shipping       ECC       Special Test Certific       ates/Test Report       Special Test Certific         Marine / Shipping       ECC       Special Test Certific       ates/Test Report       Special Test Certific         Marine / Shipping       ECC       Special Test Certific       ates/Test Report       Special Test Certific         Marine / Shipping       ECC       Special Test Certific       ates/Test Report       Special Test Certific         USE       ECC       Special Test Certific       ates/Test Report       Special Test Certific       Special Test Certific         USE       ECC       Special Test Certific         USE       Special Test Certific       Special Test Certific       Special Test Certific       Special Tes	<ul> <li>positively drive</li> </ul>	-		No		
EMC         General Product Approval       EMC         Confirmation       Marine / Shipping         Marine / Shipping       Image: Confirmation       Image: Confirmation       Confirmation       Marine / Shipping       Image: Confirmation       Image: Confirmat		on the front according to	IEC	IP00; IP20 with box terminal	cover	
General Product Approval     EMC       Image: Confirmation     Image: Confi	touch protection or	n the front according to II	EC 60529 f	finger-safe, for vertical conta	ct from the front with b	ox terminal/cover
Confirmation   Special Test Certificates   Functional Safety/Safety	Certificates/ approva	ls				
Confirmation   Special Test Certificates   Functional Safety/Safety of Machinery   Declaration of Conformity   Type Examination Certificates   Certificate   UKA   Examination Certificates   Special Test Certificates   Marine / Shipping   Marine / Shipping   Marine / Shipping   Marine / Shipping   Special Test Certificates   Marine / Shipping   Special Test Certificates   Marine / Shipping   Special Test Certificates	General Product A	pproval				EMC
Safety/Safety of Machinery     Declaration of Conformity     Test Certificates     Marine / Shipping       Type Examination Certificate     UKS     EE     Special Test Certific- ate     Type Test Certific- ates/Test Report     Image: Certific-						-
Marine / Shipping     other       Image: Special Test Certific-     Image: Special Test Certific-	(SP)	<u>Confirmation</u>			EHC	RCM
Image: Description of the sector of the s	Safety/Safety of			UL UL Test Certificates	EAC	RCM
Image: Confirmation       Special Test Certific-	Safety/Safety of Machinery Type Examination	Declaration of Confor	mity CE	Special Test Certific-		۲
Confirmation Special Test Certific-	Safety/Safety of Machinery <u>Type Examination</u> <u>Certificate</u>	Declaration of Confor	mity CE	Special Test Certific-	ates/Test Report	۲
	Safety/Safety of Machinery Type Examination Certificate Marine / Shipping	Declaration of Confor	mity CE	Special Test Certific- ate	ates/Test Report	ABS
	Safety/Safety of Machinery Type Examination Certificate Marine / Shipping	Declaration of Confor	mity CE	Special Test Certific- ate	ates/Test Report	ABS

Further information

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Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT1466-2AP36

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT1466-2AP36

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT1466-2AP36

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

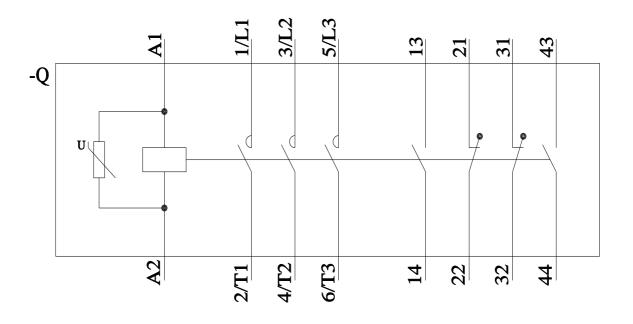
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT1466-2AP36&lang=en

Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RT1466-2AP36/char

Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT1466-2AP36&objecttype=14&gridview=view1



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