# **SIEMENS**

### Data sheet

## 3RT1264-6AP36-0KA1

Vacuum contactor, AC-3 225 A, 110 kW / 400 V AC (50-60 Hz) / DC operation 220-240 V UC, Auxiliary contacts 2 NO + 2 NC, 3-pole, Size S10, busbar connections Drive: conventional Customer-specific device



Figure similar

Product brand name	SIRIUS
Product designation	Vacuum contactor
Product type designation	3RT12
General technical data	
Size of contactor	S10
Product extension	
<ul> <li>function module for communication</li> </ul>	No
Auxiliary switch	Yes
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
maximum permissible voltage for safe isolation	
<ul> <li>between coil and main contacts acc. to EN</li> </ul>	690 V
60947-1	
Protection class IP	
• on the front	IP00; IP20 on the front with cover / box terminal
• of the terminal	IP00

Charle register on at regtor subscripts	
Shock resistance at rectangular impulse	0.5 x / 5 x x x 4.0 x / 40 x x
• 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 electronics- compatible 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 acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750	К
Reference code acc. to DIN EN 81346-2	Q
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
Main circuit	
Number of poles for main current circuit	3
Number of NO contacts for main contacts	3
Operating voltage	
<ul> <li>at AC-3 rated value maximum</li> </ul>	1 000 V
Operating current	
• at AC-1 at 400 V	
— at ambient temperature 40 °C rated value	330 A
• at AC-1	
— up to 690 V at ambient temperature 40 °C	330 A
rated value	
rated value — up to 690 V at ambient temperature 60 °C rated value	300 A
— up to 690 V at ambient temperature 60 °C	300 A 330 A
<ul> <li>— up to 690 V at ambient temperature 60 °C</li> <li>rated value</li> <li>— up to 1000 V at ambient temperature 40 °C</li> </ul>	
<ul> <li>up to 690 V at ambient temperature 60 °C rated value</li> <li>up to 1000 V at ambient temperature 40 °C rated value</li> <li>up to 1000 V at ambient temperature 60 °C</li> </ul>	330 A
<ul> <li>up to 690 V at ambient temperature 60 °C rated value</li> <li>up to 1000 V at ambient temperature 40 °C rated value</li> <li>up to 1000 V at ambient temperature 60 °C rated value</li> </ul>	330 A 300 A
<ul> <li>up to 690 V at ambient temperature 60 °C rated value</li> <li>up to 1000 V at ambient temperature 40 °C rated value</li> <li>up to 1000 V at ambient temperature 60 °C rated value</li> <li>at AC-2 at 400 V rated value</li> <li>at AC-3</li> </ul>	330 A 300 A
<ul> <li>up to 690 V at ambient temperature 60 °C rated value</li> <li>up to 1000 V at ambient temperature 40 °C rated value</li> <li>up to 1000 V at ambient temperature 60 °C rated value</li> <li>at AC-2 at 400 V rated value</li> </ul>	330 A 300 A 225 A

— at 690 V rated value	225 A
— at 1000 V rated value	225 A
<ul> <li>at AC-4 at 400 V rated value</li> </ul>	195 A
● at AC-6a	
— up to 230 V for current peak value n=20 rated value	278 A
— up to 400 V for current peak value n=20 rated value	278 A
— up to 500 V for current peak value n=20 rated value	278 A
— up to 690 V for current peak value n=20 rated value	278 A
● at AC-6a	
— up to 230 V for current peak value n=30 rated value	185 A
— up to 400 V for current peak value n=30 rated value	185 A
— up to 500 V for current peak value n=30 rated value	185 A
— up to 690 V for current peak value n=30 rated value	185 A
Minimum cross-section in main circuit	
Arman cross-section in main circuit     at maximum AC-1 rated value	185 mm²
• at maximum AC-1 rated value Operating current for approx. 200000 operating	185 mm²
• at maximum AC-1 rated value Operating current for approx. 200000 operating cycles at AC-4	
<ul> <li>at maximum AC-1 rated value</li> <li>Operating current for approx. 200000 operating cycles at AC-4</li> <li>at 400 V rated value</li> </ul>	97 A
<ul> <li>at maximum AC-1 rated value</li> <li>Operating current for approx. 200000 operating cycles at AC-4</li> <li>at 400 V rated value</li> <li>at 690 V rated value</li> </ul>	
at maximum AC-1 rated value Operating current for approx. 200000 operating cycles at AC-4     at 400 V rated value     at 690 V rated value Operating power	97 A
<ul> <li>at maximum AC-1 rated value</li> <li>Operating current for approx. 200000 operating cycles at AC-4 <ul> <li>at 400 V rated value</li> <li>at 690 V rated value</li> </ul> </li> <li>Operating power <ul> <li>at AC-1</li> </ul> </li> </ul>	97 A 68 A
<ul> <li>at maximum AC-1 rated value</li> <li>Operating current for approx. 200000 operating cycles at AC-4 <ul> <li>at 400 V rated value</li> <li>at 690 V rated value</li> </ul> </li> <li>Operating power <ul> <li>at AC-1 <ul> <li>at 230 V at 60 °C rated value</li> </ul> </li> </ul></li></ul>	97 A 68 A 113 kW
<ul> <li>at maximum AC-1 rated value</li> <li>Operating current for approx. 200000 operating cycles at AC-4</li> <li>at 400 V rated value</li> <li>at 690 V rated value</li> <li>Operating power</li> <li>at AC-1</li> <li>at 230 V at 60 °C rated value</li> <li>at 400 V rated value</li> </ul>	97 A 68 A 113 kW 197 kW
<ul> <li>at maximum AC-1 rated value</li> <li>Operating current for approx. 200000 operating cycles at AC-4 <ul> <li>at 400 V rated value</li> <li>at 690 V rated value</li> </ul> </li> <li>Operating power <ul> <li>at AC-1 <ul> <li>at AC-1</li> <li>at 230 V at 60 °C rated value</li> <li>at 400 V rated value</li> <li>at 400 V rated value</li> </ul> </li> </ul></li></ul>	97 A 68 A 113 kW 197 kW 300 kW
<ul> <li>at maximum AC-1 rated value</li> <li>Operating current for approx. 200000 operating cycles at AC-4</li> <li>at 400 V rated value</li> <li>at 690 V rated value</li> <li>Operating power</li> <li>at AC-1 <ul> <li>at 230 V at 60 °C rated value</li> <li>at 400 V rated value</li> </ul> </li> </ul>	97 A 68 A 113 kW 197 kW 300 kW 340 kW
<ul> <li>at maximum AC-1 rated value</li> <li>Operating current for approx. 200000 operating cycles at AC-4 <ul> <li>at 400 V rated value</li> <li>at 690 V rated value</li> </ul> </li> <li>Operating power <ul> <li>at AC-1</li> <li>at 230 V at 60 °C rated value</li> <li>at 400 V rated value</li> <li>at 400 V rated value</li> <li>at 400 V rated value</li> <li>at 690 V rated value</li> </ul> </li> </ul>	97 A 68 A 113 kW 197 kW 300 kW 340 kW
<ul> <li>at maximum AC-1 rated value</li> <li>Operating current for approx. 200000 operating cycles at AC-4 <ul> <li>at 400 V rated value</li> <li>at 690 V rated value</li> </ul> </li> <li>Operating power <ul> <li>at AC-1</li> <li>at 230 V at 60 °C rated value</li> <li>at 400 V rated value</li> <li>at 400 V rated value</li> <li>at 400 V rated value</li> <li>at 690 V rated value</li> </ul> </li> </ul>	97 A 68 A 113 kW 197 kW 300 kW 340 kW 340 kW
<ul> <li>at maximum AC-1 rated value</li> <li>Operating current for approx. 200000 operating cycles at AC-4 <ul> <li>at 400 V rated value</li> <li>at 690 V rated value</li> </ul> </li> <li>Operating power <ul> <li>at AC-1</li> <li>at 230 V at 60 °C rated value</li> <li>at 400 V rated value</li> <li>at 400 V rated value</li> <li>at 400 V rated value</li> <li>at 690 V rated value</li> </ul> </li> </ul>	97 A 68 A 113 kW 197 kW 300 kW 340 kW
<ul> <li>at maximum AC-1 rated value</li> <li>Operating current for approx. 200000 operating cycles at AC-4 <ul> <li>at 400 V rated value</li> <li>at 690 V rated value</li> </ul> </li> <li>Operating power <ul> <li>at AC-1</li> <li>at 230 V at 60 °C rated value</li> <li>at 400 V rated value</li> <li>at 400 V rated value</li> <li>at 400 V rated value</li> <li>at 690 V rated value</li> </ul> </li> </ul>	97 A 68 A 113 kW 197 kW 300 kW 340 kW 340 kW 492 kW 110 kW
<ul> <li>at maximum AC-1 rated value</li> <li>Operating current for approx. 200000 operating cycles at AC-4 <ul> <li>at 400 V rated value</li> <li>at 690 V rated value</li> </ul> </li> <li>Operating power <ul> <li>at AC-1</li> <li>at 230 V at 60 °C rated value</li> <li>at 400 V rated value</li> <li>at 400 V rated value</li> <li>at 690 V rated value</li> </ul> </li> </ul>	97 A 68 A 113 kW 197 kW 300 kW 340 kW 340 kW 492 kW 110 kW
<ul> <li>at maximum AC-1 rated value</li> <li>Operating current for approx. 200000 operating cycles at AC-4 <ul> <li>at 400 V rated value</li> <li>at 690 V rated value</li> </ul> </li> <li>Operating power <ul> <li>at AC-1</li> <li>at 230 V at 60 °C rated value</li> <li>at 400 V rated value</li> <li>at 400 V rated value</li> <li>at 400 V rated value</li> <li>at 690 V rated value</li> </ul> </li> </ul>	97 A 68 A 113 kW 197 kW 300 kW 340 kW 340 kW 492 kW 110 kW
<ul> <li>at maximum AC-1 rated value</li> <li>Operating current for approx. 200000 operating cycles at AC-4 <ul> <li>at 400 V rated value</li> <li>at 690 V rated value</li> </ul> </li> <li>Operating power <ul> <li>at AC-1</li> <li>at 230 V at 60 °C rated value</li> <li>at 400 V rated value</li> <li>at 400 V rated value</li> <li>at 690 V rated value</li> <li>at AC-3</li> <li>at 230 V rated value</li> </ul> </li> </ul>	97 A 68 A 113 kW 197 kW 300 kW 340 kW 340 kW 492 kW 110 kW
<ul> <li>at maximum AC-1 rated value</li> <li>Operating current for approx. 200000 operating cycles at AC-4 <ul> <li>at 400 V rated value</li> <li>at 690 V rated value</li> </ul> </li> <li>Operating power <ul> <li>at AC-1</li> <li>at 230 V at 60 °C rated value</li> <li>at 400 V rated value</li> <li>at 400 V rated value</li> <li>at 690 V rated value</li> <li>at 230 V rated value</li> <li>at AC-2 at 400 V rated value</li> <li>at AC-3 <ul> <li>at 230 V rated value</li> <li>at 400 V rated value</li> </ul> </li> </ul></li></ul>	97 A 68 A 113 kW 197 kW 300 kW 340 kW 340 kW 492 kW 110 kW

Operating power for approx. 200000 operating cycles at AC-4	
• at 400 V rated value	55 kW
• at 690 V rated value	94 kW
Thermal short-time current limited to 10 s	1 800 A
No-load switching frequency	
• at AC	2 000 1/h
• at DC	2 000 1/h
Operating frequency	
• at AC-1 maximum	800 1/h
● at AC-2 maximum	300 1/h
• at AC-3 maximum	750 1/h
● at AC-4 maximum	250 1/h
Control circuit/ Control	10/20
Type of voltage of the control supply voltage	AC/DC
Control supply voltage at AC	220 240 V
at 50 Hz rated value	220 240 V
at 60 Hz rated value	220 240 V
Control supply voltage at DC	220 240 V
rated value	220 240 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	590 V·A
Inductive power factor with closing power of the coil	
• at 50 Hz	0.9
Apparent holding power of magnet coil at AC	
• at 50 Hz	6.1 V·A
Inductive power factor with the holding power of the coil	
• at 50 Hz	0.9
Closing power of magnet coil at DC	700 W
Holding power of magnet coil at DC	8.2 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	
<ul> <li>instantaneous contact</li> </ul>	2
Number of NO contacts for auxiliary contacts	
<ul> <li>instantaneous contact</li> </ul>	2
Operating current at AC-12 maximum	10 A
Operating 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	1 A
Operating current at DC-12	
• at 24 V rated value	10 A
• at 48 V rated value	6 A
• at 60 V rated value	6 A
• at 110 V rated value	3 A
• at 125 V rated value	2 A
• at 220 V rated value	1 A
● at 600 V rated value	0.15 A
Operating 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 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
Contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)
UL/CSA ratings Full-load current (FLA) for three-phase AC motor	
at 480 V rated value	180 A
<ul> <li>at 600 V rated value</li> </ul>	192 A
Yielded mechanical performance [hp]	
<ul> <li>for three-phase AC motor</li> </ul>	
	60 hp
— at 200/208 V rated value	

— at 220/230 V rated value	75 hp
— at 460/480 V rated value	150 hp
— at 575/600 V rated value	200 hp
Contact rating of auxiliary contacts according to UL	A600 / Q600
Short-circuit protection Design of the fuse link	
•	
• for short-circuit protection of the main circuit	-C. 500 A (COO)/ 400 HA)
— with type of coordination 1 required	gG: 500 A (690 V, 100 kA)
— with type of assignment 2 required	gG: 500 A (690 V, 100 kA), aM: 400 A (690 V, 50 kA), BS88: 450 A (415 V, 50 kA)
<ul> <li>for short-circuit protection of the auxiliary switch required</li> </ul>	gG: 10 A (500 V, 1 kA)
Installation/ mounting/ dimensions	
Mounting position	+/-22,5° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; standing, on horizontal mounting surface
Mounting type	screw fixing
Side-by-side mounting	Yes
Height	210 mm
Width	145 mm
Depth	206 mm
Required spacing	
<ul> <li>with side-by-side mounting</li> </ul>	
— forwards	20 mm
— upwards	10 mm
— downwards	10 mm
— at the side	0 mm
<ul> <li>for grounded parts</li> </ul>	
— forwards	20 mm
— upwards	10 mm
— at the side	10 mm
— downwards	10 mm
• for live parts	
— forwards	20 mm
— upwards	10 mm
— downwards	10 mm
— at the side	10 mm
Connections/ Terminals	

#### Type of electrical connection

<ul> <li>for main current circuit</li> </ul>	Connection bar
<ul> <li>for auxiliary and control current circuit</li> </ul>	screw-type terminals

Type of connectable conductor cross-sections       2/0 500 kcmil         Connectable conductor cross-section for main contacts       2/0 500 kcmil         Connectable conductor cross-section for main contacts       70 240 mm²         Connectable conductor cross-section for auxiliary contacts       0.5 4 mm²         • single or multi-stranded       0.5 4 mm²         • finely stranded with core end processing       0.5 2.5 mm²         Type of connectable conductor cross-sections       0.5 4 mm²         • for auxiliary contacts       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²         - single or multi-stranded       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²         - single or multi-stranded       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²         - single or multi-stranded       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²         - single or multi-stranded       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²         - finely stranded with core end processing       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²         • for auxiliary contacts       18 14         AWG number as coded connectable conductor cross       2x (20 16), 2x (18 14), 1x 12         Product function       • finger-safe when touched vertically from front acc. to IEC 60529	<ul> <li>at contactor for auxiliary contacts</li> </ul>	Screw-type terminals
• at AWG conductors for main contacts       2/0 500 kcmil         Connectable conductor cross-section for main contacts       70 240 mm²         • stranded       70 240 mm²         Connectable conductor cross-section for auxiliary contacts       0.5 4 mm²         • single or multi-stranded       0.5 4 mm²         • finely stranded with core end processing       0.5 4 mm²         • or auxiliary contacts       0.5 4 mm²         - solid       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²         - solid       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²         - single or multi-stranded       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²         - single or multi-stranded       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²         - single or multi-stranded       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²         - single or multi-stranded       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²         - solid       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²         - finely stranded with core end processing       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)         - finely stranded with core end processing       2x (20 16), 2x (18 14), 1x 12         AWG number as coded connectable conductor cross       18 14	<ul> <li>of magnet coil</li> </ul>	Screw-type terminals
Connectable conductor cross-section for main contacts     70 240 mm²       Connectable conductor cross-section for auxiliary contacts     70 240 mm²       Connectable conductor cross-section for auxiliary contacts     0.5 4 mm²       • single or multi-stranded     0.5 4 mm²       • finely stranded with core end processing     0.5 2.5 mm²)       • for auxiliary contacts     2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²       - single or multi-stranded     2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²       - single or multi-stranded     2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²       - finely stranded with core end processing     2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²       • at AWG conductors for auxiliary contacts     2x (20 16), 2x (18 14), 1x 12       AWG number as coded connectable conductor cross section     9 (20 16), 2x (18 14), 1x 12       • for auxiliary contacts     18 14       afety related data     18 14       Product function     18 14       • positively driven operation acc. to IEC 60947-4-1     Yes       • positively driven operation acc. to IEC 60947-5     1       • Protection against electrical shock     finger-safe when touched vertically from front acc. to IEC 60529       ertificates/ approvals     EMC     Functional Safety/Safety of Machinery     Test Certific- ates	Type of connectable conductor cross-sections	
contacts       stranded       70 240 mm²         Connectable conductor cross-section for auxillary contacts       0.5 4 mm²         • single or multi-stranded       0.5 4 mm²         • finely stranded with core end processing       0.5 2.5 mm²         Type of connectable conductor cross-sections       0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²         - single or multi-stranded       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²         - single or multi-stranded       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²         - single or multi-stranded       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²         - single or multi-stranded       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²         - finely stranded with core end processing       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)         • at AWG conductors for auxiliary contacts       2x (20 16), 2x (18 14), 1x 12         AWG number as coded connectable conductor cross section       18 14         • for auxiliary contacts       18 14         afety related data       Product function         • Mirror contact acc. to IEC 60947-51       Yes         1       positively driven operation acc. to IEC 60947-51       No         1       rest certificates/ approvals       finger-safe when touched verticall	<ul> <li>at AWG conductors for main contacts</li> </ul>	2/0 500 kcmil
stranded       70 240 mm²         Connectable conductor cross-section for auxiliary contacts       0.5 4 mm²         • single or multi-stranded       0.5 4 mm²         • finely stranded with core end processing       0.5 2.5 mm²         Type of connectable conductor cross-sections       0.5 4 mm²         • for auxiliary contacts       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²         - single or multi-stranded       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²         - finely stranded with core end processing       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²         • at AWG conductors for auxiliary contacts       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)         • at AWG conductors for auxiliary contacts       2x (20 16), 2x (18 14), 1x 12         AWG number as coded connectable conductor cross section       18 14         of or auxiliary contacts       18 14         afety related data       Product function         • Mirror contact acc. to IEC 60947-4-1       Yes         • positively driven operation acc. to IEC 60947-4-5-1       Yes         • positively driven operation acc. to IEC 60947-4-5-1       Yes         • positively driven operation acc. to IEC 60947-45-5       1         • finger-safe when touched vertically from front acc. to IEC 60529         erti	Connectable conductor cross-section for main	
Connectable conductor cross-section for auxiliary contacts     ingle or multi-stranded     finely stranded with core end processing     Type of connectable conductor cross-sections     for auxiliary contacts	contacts	
contacts       0.5 4 mm²         • single or multi-stranded       0.5 2.5 mm²         Type of connectable conductor cross-sections       0.5 2.5 mm²         • finely stranded with core end processing       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²         - solid       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²         - single or multi-stranded       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²         - finely stranded with core end processing       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)         • at AWG conductors for auxiliary contacts       2x (20 16), 2x (18 14), 1x 12         AWG number as coded connectable conductor cross section       • for auxiliary contacts         • for auxiliary contacts       18 14         afety related data       Product function         • Mirror contact acc. to IEC 60947-4-1       Yes         • positively driven operation acc. to IEC 60947-5-1       No         1       finger-safe when touched vertically from front acc. to IEC 60529         ertificates/ approvals       finger-safe when touched vertically from front acc. to IEC 60529         ertificates/ approvals       Yipe Examination       Special Test Certific- ates       other	• stranded	70 240 mm <sup>2</sup>
<ul> <li>single or multi-stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded with core end processing</li> <li>for auxiliary contacts         <ul> <li>solid</li> <li>solid</li> <li>single or multi-stranded</li> <li>solid</li> <li>solid</li> <li>solid</li> <li>single or multi-stranded</li> <li>solid</li> <li>solid</li></ul></li></ul>		
• finely stranded with core end processing       0.5 2.5 mm²         Type of connectable conductor cross-sections       0.5 2.5 mm²         • for auxiliary contacts       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²         - single or multi-stranded       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²         - finely stranded with core end processing       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²         - finely stranded with core end processing       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²         - finely stranded with core end processing       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²         - finely stranded with core end processing       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)         - at AWG conductors for auxiliary contacts       2x (20 16), 2x (18 14), 1x 12         AWG number as coded connectable conductor cross section       18 14         • for auxiliary contacts       18 14         afety related data       Product function         • Mirror contact acc. to IEC 60947-4-1       Yes         • positively driven operation acc. to IEC 60947-5-1       Yes         • positively driven operation acc. to IEC 60947-5-1       Yes         • Ordection against electrical shock       finger-safe when touched vertically from front acc. to IEC 60529         ertificates/ approvals<		
Type of connectable conductor cross-sections         • for auxiliary contacts         - solid       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²         - single or multi-stranded       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²         - finely stranded with core end processing       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²         • at AWG conductors for auxiliary contacts       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)         • at AWG conductors for auxiliary contacts       2x (20 16), 2x (18 14), 1x 12         AWG number as coded connectable conductor cross       2x (20 16), 2x (18 14), 1x 12         AWG number as coded connectable conductor cross       18 14         afety related data       Product function         • Mirror contact acc. to IEC 60947-4-1       Yes         • positively driven operation acc. to IEC 60947-5-1       No         Protection against electrical shock       finger-safe when touched vertically from front acc. to IEC 60529         ertificates/ approvals       General Product Approval       EMC       Functional       Test Certific- ates       other         afety/ afety of Machinery       Type Examination       Special Test Certi-       Confirmation	<ul> <li>single or multi-stranded</li> </ul>	
<ul> <li>for auxiliary contacts         <ul> <li>solid</li> <li>solid</li> <li>single or multi-stranded</li> <li>finely stranded with core end processing</li> <li>at AWG conductors for auxiliary contacts</li> </ul> </li> <li>AWG number as coded connectable conductor cross section         <ul> <li>for auxiliary contacts</li> <li>at efety related data</li> </ul> </li> <li>Product function         <ul> <li>Mirror contact acc. to IEC 60947-4-1</li> <li>positively driven operation acc. to IEC 60947-5-1</li> <li>Protection against electrical shock</li> <li>finger-safe when touched vertically from front acc. to IEC 60529</li> <li>ertificates/ approvals</li> <li>General Product Approval</li> <li>EMC</li> <li>Functional Safety/Safety of Machinery</li> <li>Type Examination</li> <li>Special Test Certi-</li> <li>Confirmation</li> </ul> </li> </ul>		0.5 2.5 mm <sup>2</sup>
	Type of connectable conductor cross-sections	
	<ul> <li>for auxiliary contacts</li> </ul>	
<ul> <li>finely stranded with core end processing         <ul> <li>at AWG conductors for auxiliary contacts</li> <li>at AWG number as coded connectable conductor cross section</li> <li>for auxiliary contacts</li> <li>at at a term of the term of the term of t</li></ul></li></ul>	— solid	
• at AWG conductors for auxiliary contacts         2x (20 16), 2x (18 14), 1x 12           AWG number as coded connectable conductor cross section         • for auxiliary contacts           • for auxiliary contacts         18 14           afety related data         18 14           Product function         • positively driven operation acc. to IEC 60947-4-1           • positively driven operation acc. to IEC 60947-5-1         No           Protection against electrical shock         finger-safe when touched vertically from front acc. to IEC 60529           ertificates/ approvals         EMC         Functional Safety/Safety of Machinery         Test Certific- ates         other	— single or multi-stranded	2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²), max. 2x (0,75 4 mm²)
AWG number as coded connectable conductor cross section       18 14         • for auxiliary contacts       18 14         afety related data       Product function         • Mirror contact acc. to IEC 60947-4-1       Yes         • positively driven operation acc. to IEC 60947-5-1       No         Protection against electrical shock       finger-safe when touched vertically from front acc. to IEC 60529         ertificates/ approvals       EMC       Functional Safety/Safety of Machinery         Type Examination       Special Test Certi-       Confirmation	<ul> <li>finely stranded with core end processing</li> </ul>	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
section       18 14         afety related data       18 14         Product function       Yes         • Mirror contact acc. to IEC 60947-4-1       Yes         • positively driven operation acc. to IEC 60947-5-1       No         1       retrificates/ approvals         ertificates/ approvals       finger-safe when touched vertically from front acc. to IEC 60529         ertificates/ approvals       Functional Safety/Safety of Machinery         Type Examination       Special Test Certi-         Confirmation       Type Examination	<ul> <li>at AWG conductors for auxiliary contacts</li> </ul>	2x (20 16), 2x (18 14), 1x 12
<ul> <li>for auxiliary contacts</li> <li>18 14</li> <li>afety related data</li> <li>Product function         <ul> <li>Mirror contact acc. to IEC 60947-4-1</li> <li>positively driven operation acc. to IEC 60947-5-1</li> <li>Protection against electrical shock</li> <li>finger-safe when touched vertically from front acc. to IEC 60529</li> </ul> </li> <li>ertificates/ approvals</li> <li>General Product Approval</li> <li>EMC</li> <li>Functional Safety/Safety of Machinery</li> <li>Type Examination</li> <li>Special Test Certific-</li> <li>Confirmation</li> </ul>	WG number as coded connectable conductor cro	ISS
afety related data         Product function         • Mirror contact acc. to IEC 60947-4-1       Yes         • positively driven operation acc. to IEC 60947-5-1       No         1       Protection against electrical shock       finger-safe when touched vertically from front acc. to IEC 60529         vertificates/ approvals       General Product Approval       EMC       Functional Safety/Safety of Machinery       Test Certificates of the construction         Type Examination       Special Test Certi-       Confirmation	section	
Product function       • Mirror contact acc. to IEC 60947-4-1       Yes         • positively driven operation acc. to IEC 60947-5-1       No         Protection against electrical shock       finger-safe when touched vertically from front acc. to IEC 60529         ertificates/ approvals       EMC       Functional Safety/Safety of Machinery       Test Certificates other         Type Examination       Special Test Certi-       Confirmation	<ul> <li>for auxiliary contacts</li> </ul>	18 14
<ul> <li>Mirror contact acc. to IEC 60947-4-1</li> <li>positively driven operation acc. to IEC 60947-5-1</li> <li>Protection against electrical shock</li> <li>finger-safe when touched vertically from front acc. to IEC 60529</li> <li>rertificates/ approvals</li> </ul> General Product Approval       EMC     Functional     Test Certificates     other       Safety/Safety     of Machinery     Type Examination     Special Test Certification	afety related data	
• positively driven operation acc. to IEC 60947-5- 1 Protection against electrical shock finger-safe when touched vertically from front acc. to IEC 60529 fertificates/ approvals General Product Approval EMC Functional Safety/Safety of Machinery Type Examination Special Test Certific- ates Confirmation	Product function	
1       Protection against electrical shock       finger-safe when touched vertically from front acc. to IEC 60529         rertificates/ approvals       EMC       Functional Safety/Safety of Machinery       Test Certificates       other         Type Examination       Special Test Certificates       Confirmation       Confirmation	<ul> <li>Mirror contact acc. to IEC 60947-4-1</li> </ul>	Yes
Protection against electrical shock       finger-safe when touched vertically from front acc. to IEC 60529         Sertificates/ approvals       Functional Safety/Safety of Machinery       Test Certific- ates       other         Type Examination       Special Test Certi- Confirmation       Confirmation	• positively driven operation acc. to IEC 60947	-5- No
General Product Approvals       EMC       Functional Safety/Safety of Machinery       Test Certific- ates       other         Type Examination       Special Test Certi- Confirmation       Confirmation		
General Product Approval       EMC       Functional Safety/Safety of Machinery       Test Certific- ates       other	Protection against electrical shock	finger-safe when touched vertically from front acc. to IEC 60529
Safety/Safety of Machinery     ates       Type Examination     Special Test Certi-     Confirmation	ertificates/ approvals	
of Machinery       Type Examination     Special Test Certi-     Confirmation	General Product Approval EMC	Functional Test Certific- other
Type Examination Special Test Certi- Confirmation		Safety/Safety ates
Image: Confirmation matrix     Type Examination matrix     Special Test Certificate     Confirmation matrix       Image: Confirmation matrix     Certificate     Special Test Certificate     Confirmation		of Machinery
(CCC) <b>LHI</b> C <u>Certificate</u> <u>ficate</u>		
		<u>Certificate</u> <u>ficate</u>

Information- and Downloadcenter (Catalogs, Brochures,...) www.siemens.com/sirius/catalogs

Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT1264-6AP36-0KA1

#### Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT1264-6AP36-0KA1

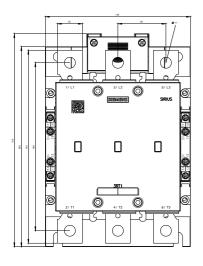
#### Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

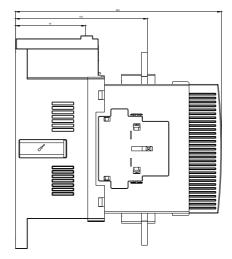
https://support.industry.siemens.com/cs/ww/en/ps/3RT1264-6AP36-0KA1

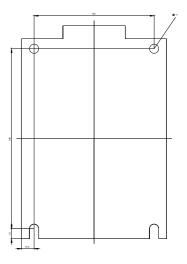
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT1264-6AP36-0KA1&lang=en

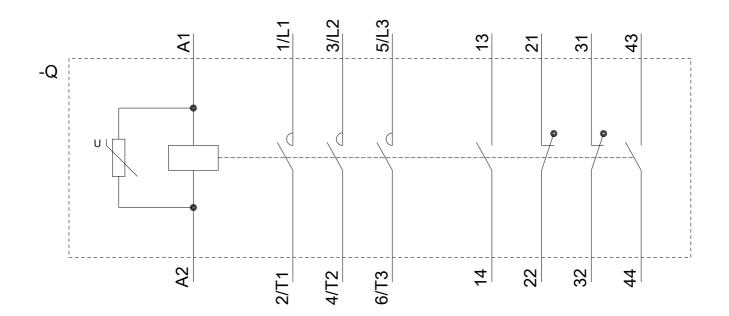
Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RT1264-6AP36-0KA1/char

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT1264-6AP36-0KA1&objecttype=14&gridview=view1









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09/04/2019