SIEMENS

Data sheet

3RT1266-6AD36



vacuum contactor AC-3e/AC-3 300 A, 160 kW / 400 V, 3-pole, Uc: 42-48 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	Vacuum contactor
product type designation	3RT12
General technical data	
size of contactor	S10
product extension	
 function module for communication 	No
 auxiliary switch 	Yes
power loss [W] for rated value of the current	
at AC in hot operating state	42 W
• at AC in hot operating state per pole	14 W
 without load current share typical 	8.2 W
insulation voltage	
 of main circuit with degree of pollution 3 rated value 	1 000 V
 of auxiliary circuit with degree of pollution 3 rated value 	500 V
surge voltage resistance	
 of main circuit rated value 	8 kV
 of auxiliary circuit rated value 	6 kV
maximum permissible voltage for safe isolation between coil and main contacts according to EN 60947-1	690 V
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)	
 of contactor typical 	10 000 000
 of the contactor with added electronically optimized auxiliary switch block typical 	5 000 000
 of the contactor with added auxiliary switch block typical 	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
operating voltage	
 at AC-3 rated value maximum 	1 000 V
 at AC-3e rated value maximum 	1 000 V
operational 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 rated value	330 A
— up to 690 V at ambient temperature 60 °C rated value	300 A
— up to 1000 V at ambient temperature 40 °C rated value	330 A
— up to 1000 V at ambient temperature 60 °C rated value	300 A
• at AC-3	200 4
— at 400 V rated value	300 A
— at 500 V rated value	300 A
— at 690 V rated value	300 A
— at 1000 V rated value	300 A
• at AC-3e	300 A
— at 400 V rated value	300 A
— at 500 V rated value — at 690 V rated value	300 A
— at 1000 V rated value	300 A
• at AC-4 at 400 V rated value	280 A
• at AC-6a	200 A
 up to 230 V for current peak value n=20 rated value 	300 A
 — up to 400 V for current peak value n=20 rated value 	300 A
 — up to 500 V for current peak value n=20 rated value 	300 A
 — up to 690 V for current peak value n=20 rated value 	300 A
 — up to 1000 V for current peak value n=20 rated value 	300 A
● at AC-6a	
 — up to 230 V for current peak value n=30 rated value 	209 A
 — up to 400 V for current peak value n=30 rated value 	209 A
— up to 500 V for current peak value n=30 rated value	209 A
— up to 690 V for current peak value n=30 rated value	209 A
— up to 1000 V for current peak value n=30 rated value	209 A
minimum cross-section in main circuit at maximum AC-1 rated value	185 mm ²
operational current for approx. 200000 operating cycles at AC-4	
• at 400 V rated value	140 A
• at 690 V rated value	140 A
operating power	
• at AC-3	
— at 230 V rated value	90 kW
— at 400 V rated value	160 kW
— at 500 V rated value	200 kW
— at 690 V rated value	250 kW
— at 1000 V rated value	400 kW
• at AC-3e	00 1414
— at 230 V rated value — at 400 V rated value	90 kW 160 kW

at EQO) (rated value	200 1441
— at 500 V rated value	200 kW 250 kW
— at 690 V rated value — at 1000 V rated value	400 kW
operating power for approx. 200000 operating cycles	400 KW
at AC-4	
• at 400 V rated value	79 kW
• at 690 V rated value	138 kW
operating apparent power at AC-6a	
 up to 230 V for current peak value n=20 rated value 	120 000 kVA
 up to 400 V for current peak value n=20 rated value 	200 000 VA
 up to 500 V for current peak value n=20 rated value 	260 000 VA
• up to 690 V for current peak value n=20 rated value	350 000 VA
 up to 1000 V for current peak value n=20 rated value 	520 000 VA
operating apparent power at AC-6a	
• up to 230 V for current peak value n=30 rated value	80 000 VA
• up to 400 V for current peak value n=30 rated value	140 000 VA
• up to 500 V for current peak value n=30 rated value	180 000 VA
• up to 690 V for current peak value n=30 rated value	250 000 VA
 up to 1000 V for current peak value n=30 rated 	360 000 VA
value	
no-load switching frequency	0.000.4/h
• at AC	2 000 1/h
• at DC	2 000 1/h
 operating frequency at AC-1 maximum 	750 1/h
• at AC-2 maximum	250 1/h
• at AC-3 maximum	750 1/h
• at AC-3e maximum	750 1/h
• at AC-4 maximum	250 1/h
Control circuit/ Control	
type of voltage of the control supply voltage	AC/DC
· · · · · · · · · · · · · · · · · · ·	
control supply voltage at AC	
• at 50 Hz rated value	42 48 V
 control supply voltage at AC at 50 Hz rated value at 60 Hz rated value 	42 48 V 42 48 V
 control supply voltage at AC at 50 Hz rated value at 60 Hz rated value control supply voltage at DC 	42 48 V
 control supply voltage at AC at 50 Hz rated value at 60 Hz rated value control supply voltage at DC rated value 	
 control supply voltage at AC at 50 Hz rated value at 60 Hz rated value control supply voltage at DC 	42 48 V
control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value control supply voltage at DC • rated value operating range factor control supply voltage rated	42 48 V
control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value control supply voltage at DC • rated value operating range factor control supply voltage rated value of magnet coil at DC	42 48 V 42 48 V
control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value control supply voltage at DC • rated value operating range factor control supply voltage rated value of magnet coil at DC • initial value • full-scale value operating range factor control supply voltage rated	42 48 ∨ 42 48 ∨ 0.8
control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value control supply voltage at DC • rated value operating range factor control supply voltage rated value of magnet coil at DC • initial value • full-scale value operating range factor control supply voltage rated value of magnet coil at AC	42 48 V 42 48 V 0.8 1.1
 control supply voltage at AC at 50 Hz rated value at 60 Hz rated value control supply voltage at DC rated value operating range factor control supply voltage rated value of magnet coil at DC initial value full-scale value operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz 	42 48 V 42 48 V 0.8 1.1 0.8 1.1
 control supply voltage at AC at 50 Hz rated value at 60 Hz rated value control supply voltage at DC rated value operating range factor control supply voltage rated value of magnet coil at DC initial value full-scale value operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 50 Hz at 60 Hz 	42 48 V 42 48 V 0.8 1.1 0.8 1.1 0.8 1.1
 control supply voltage at AC at 50 Hz rated value at 60 Hz rated value control supply voltage at DC rated value operating range factor control supply voltage rated value of magnet coil at DC initial value full-scale value operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 50 Hz at 60 Hz design of the surge suppressor 	42 48 V 42 48 V 0.8 1.1 0.8 1.1
 control supply voltage at AC at 50 Hz rated value at 60 Hz rated value control supply voltage at DC rated value operating range factor control supply voltage rated value of magnet coil at DC initial value full-scale value operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 60 Hz design of the surge suppressor apparent pick-up power of magnet coil at AC 	42 48 V 42 48 V 0.8 1.1 0.8 1.1 0.8 1.1 with varistor
control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value control supply voltage at DC • rated value operating range factor control supply voltage rated value of magnet coil at DC • initial value • full-scale value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz • at 60 Hz design of the surge suppressor	42 48 V 42 48 V 0.8 1.1 0.8 1.1 0.8 1.1
 control supply voltage at AC at 50 Hz rated value at 60 Hz rated value control supply voltage at DC rated value operating range factor control supply voltage rated value of magnet coil at DC initial value full-scale value operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 60 Hz design of the surge suppressor apparent pick-up power of magnet coil at AC at 50 Hz 	42 48 V 42 48 V 0.8 1.1 0.8 1.1 0.8 1.1 with varistor 590 VA
 control supply voltage at AC at 50 Hz rated value at 60 Hz rated value control supply voltage at DC rated value operating range factor control supply voltage rated value of magnet coil at DC initial value full-scale value operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 60 Hz design of the surge suppressor apparent pick-up power of magnet coil at AC at 50 Hz at 50 Hz at 50 Hz at 50 Hz at 60 Hz 	42 48 V 42 48 V 0.8 1.1 0.8 1.1 0.8 1.1 with varistor 590 VA
 control supply voltage at AC at 50 Hz rated value at 60 Hz rated value control supply voltage at DC rated value operating range factor control supply voltage rated value of magnet coil at DC initial value full-scale value operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 60 Hz design of the surge suppressor aparent pick-up power of magnet coil at AC at 50 Hz at 60 Hz 	42 48 V 42 48 V 0.8 1.1 0.8 1.1 0.8 1.1 with varistor 590 VA 590 VA
 control supply voltage at AC at 50 Hz rated value at 60 Hz rated value control supply voltage at DC rated value operating range factor control supply voltage rated value of magnet coil at DC initial value full-scale value operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 60 Hz design of the surge suppressor apparent pick-up power of magnet coil at AC at 50 Hz at 60 Hz inductive power factor with closing power of the coil at 50 Hz at 60 Hz 	42 48 V 42 48 V 0.8 1.1 0.8 1.1 0.8 1.1 with varistor 590 VA 590 VA 590 VA
 control supply voltage at AC at 50 Hz rated value at 60 Hz rated value control supply voltage at DC rated value operating range factor control supply voltage rated value of magnet coil at DC initial value full-scale value operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 60 Hz design of the surge suppressor apparent pick-up power of magnet coil at AC at 50 Hz at 60 Hz inductive power factor with closing power of the coil at 50 Hz at 60 Hz at 60 Hz 	42 48 V 42 48 V 0.8 1.1 0.8 1.1 0.8 1.1 0.8 1.1 with varistor 590 VA 590 VA 590 VA 590 VA
 control supply voltage at AC at 50 Hz rated value at 60 Hz rated value control supply voltage at DC rated value operating range factor control supply voltage rated value of magnet coil at DC initial value full-scale value operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 60 Hz design of the surge suppressor apparent pick-up power of magnet coil at AC at 50 Hz at 60 Hz inductive power factor with closing power of the coil at 50 Hz at 60 Hz at 60 Hz at 60 Hz at 60 Hz 	42 48 V 42 48 V 0.8 1.1 0.8 1.1 0.8 1.1 with varistor 590 VA 590 VA 590 VA
 control supply voltage at AC at 50 Hz rated value at 60 Hz rated value control supply voltage at DC rated value operating range factor control supply voltage rated value of magnet coil at DC initial value full-scale value operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 60 Hz design of the surge suppressor apparent pick-up power of magnet coil at AC at 50 Hz at 60 Hz inductive power factor with closing power of the coil at 50 Hz at 60 Hz at 60 Hz inductive power of magnet coil at AC at 50 Hz at 60 Hz at 60 Hz at 60 Hz	42 48 V 42 48 V 0.8 1.1 0.8 1.1 0.8 1.1 0.8 1.1 with varistor 590 VA 590 VA 590 VA 590 VA
 control supply voltage at AC at 50 Hz rated value at 60 Hz rated value control supply voltage at DC rated value operating range factor control supply voltage rated value of magnet coil at DC initial value full-scale value operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 60 Hz design of the surge suppressor apparent pick-up power of magnet coil at AC at 60 Hz at 60 Hz at 60 Hz at 60 Hz at 60 Hz at 60 Hz 	42 48 V 42 48 V 0.8 1.1 0.8 1.1 0.8 1.1 with varistor 590 VA 590 VA 590 VA 6.1 VA 6.1 VA
 control supply voltage at AC at 50 Hz rated value at 60 Hz rated value control supply voltage at DC rated value operating range factor control supply voltage rated value of magnet coil at DC initial value full-scale value operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 60 Hz design of the surge suppressor apparent pick-up power of magnet coil at AC at 50 Hz at 60 Hz inductive power factor with closing power of the coil at 50 Hz at 60 Hz at 60 Hz at 60 Hz at 60 Hz at 60 Hz at 60 Hz 	42 48 V 42 48 V 0.8 1.1 0.8 1.1 0.8 1.1 with varistor 590 VA 590 VA 590 VA 590 VA
<pre>control supply voltage at AC</pre>	42 48 V 42 48 V 0.8 1.1 0.8 1.1 0.8 1.1 with varistor 590 VA 590 VA 590 VA 590 VA 0.9 0.9 6.1 VA 6.1 VA
<pre>control supply voltage at AC</pre>	42 48 V 42 48 V 0.8 1.1 0.8 1.1 0.8 1.1 with varistor 590 VA 590 VA 590 VA 590 VA 0.9 0.9 6.1 VA 6.1 VA 6.1 VA
<pre>control supply voltage at AC</pre>	42 48 V 42 48 V 0.8 1.1 0.8 1.1 0.8 1.1 with varistor 590 VA 590 VA 590 VA 0.9 0.9 6.1 VA 6.1 VA 6.1 VA 0.9 0.9
 control supply voltage at AC at 50 Hz rated value at 60 Hz rated value control supply voltage at DC rated value operating range factor control supply voltage rated value of magnet coil at DC initial value full-scale value operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 60 Hz design of the surge suppressor apparent pick-up power of magnet coil at AC at 50 Hz at 60 Hz inductive power factor with closing power of the coil at 50 Hz at 60 Hz at 60 Hz apparent holding power of magnet coil at AC at 50 Hz at 60 Hz at 60 Hz conductive power factor with the holding power of the coil at 50 Hz at 60 Hz at 60 Hz conductive power of magnet coil at AC at 50 Hz at 60 Hz conductive power factor with the holding power of the coil at 50 Hz at 60 Hz	42 48 V 42 48 V 0.8 1.1 0.8 1.1 0.8 1.1 with varistor 590 VA 590 VA 590 VA 0.9 0.9 6.1 VA 6.1 VA 6.1 VA 0.9 0.9 30 95 ms
control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value control supply voltage at DC • rated value operating range factor control supply voltage rated value of magnet coil at DC • initial value • full-scale value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz • at 60 Hz design of the surge suppressor apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz inductive power factor with closing power of the coil • at 50 Hz • at 60 Hz apparent holding power of magnet coil at AC • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz inductive power of magnet coil at DC holding power of magnet coil at DC holding power of magnet coil at DC closing delay	42 48 V 42 48 V 0.8 1.1 0.8 1.1 with varistor 590 VA 590 VA 590 VA 0.9 0.9 6.1 VA 6.1 VA 6.1 VA 6.1 VA 8.2 W

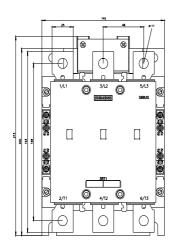
• at AC	40 80 ms			
• at DC	40 80 ms			
arcing time	10 15 ms			
control version of the switch operating mechanism	Standard A1 - A2			
Auxiliary circuit				
number of NC contacts for auxiliary contacts	2			
instantaneous contact				
number of NO contacts for auxiliary contacts instantaneous contact	2			
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 	1 A			
operational 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			
operational current at DC-13	10.4			
• at 24 V rated value	10 A 2 A			
at 48 V rated value	2 A 2 A			
 at 60 V rated value at 110 V rated value 	1 A			
at 125 V rated value				
at 125 V rated value at 220 V rated value	0.9 A 0.3 A			
at 220 V rated value	0.1 A			
contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)			
UL/CSA ratings				
<pre>full-load current (FLA) for 3-phase AC motor</pre>	302 A			
at 600 V rated value	289 A			
yielded mechanical performance [hp]	209 A			
• for 3-phase AC motor				
— at 200/208 V rated value	100 hp			
— at 220/230 V rated value	125 hp			
— at 460/480 V rated value	250 hp			
— at 575/600 V rated value	300 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				
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			
with type of assignment 2 required	V, 50 kA)			
 for short-circuit protection of the auxiliary switch required 	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			
fastening method	screw fixing			
 side-by-side mounting 	Yes			
height	210 mm			
width	145 mm			
depth	206 mm			
required spacing				
• with side-by-side mounting				
— forwards	20 mm			
— upwards	10 mm			

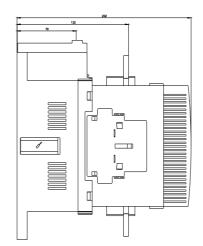
— downwards	10 mm			
— at the side	0 mm			
 for grounded parts 				
— forwards	20 mm			
— upwards	10 mm			
— at the side	10 mm			
— downwards	10 mm			
for live parts				
— forwards	20 mm			
— upwards	10 mm			
— downwards	10 mm			
— at the side	10 mm			
Connections/ Terminals				
type of electrical connection				
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			
diameter of holes	11 mm			
number of holes	1			
connectable conductor cross-section for main contacts				
stranded	70 240 mm²			
connectable conductor cross-section for auxiliary	/ U 240 MMF			
contacts	0.5 4 mm ²			
solid or stranded	0.5 4 mm ²			
 finely stranded with core end processing 	0.5 2.5 mm²			
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)			
— solid or stranded	$2x (0.5 - 1.5 \text{ mm}^2) 2x (0.75 - 2.5 \text{ mm}^2) \text{ max} 2x (0.75 - 4 \text{ mm}^2)$			
 — solid or stranded — finely stranded with core and processing 	2x (0,5 1,5 mm ²), 2x (0,75 2,5 mm ²), max. 2x (0,75 4 mm ²) 2x (0,5 1,5 mm ²), 2x (0,75 2,5 mm ²)			
— finely stranded with core end processing	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)			
finely stranded with core end processingat AWG cables for auxiliary contacts				
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)			
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12			
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)			
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12			
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12			
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14			
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes			
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947- 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14			
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes No			
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 T1 value for proof test interval or service life according to 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes			
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 T1 value for proof test interval or service life according to IEC 61508	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes No 20 a			
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 T1 value for proof test interval or service life according to IEC 61508	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes No			
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 T1 value for proof test interval or service life according to IEC 61508	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes No 20 a IP00; IP20 with box terminal/cover			
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 T1 value for proof test interval or service life according to IEC 61508 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes No 20 a			
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 T1 value for proof test interval or service life according to IEC 61508	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes No 20 a IP00; IP20 with box terminal/cover finger-safe, for vertical contact from the front with box terminal/cover			
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 T1 value for proof test interval or service life according to IEC 61508 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes No 20 a IP00; IP20 with box terminal/cover			
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 T1 value for proof test interval or service life according to IEC 61508	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes No 20 a IP00; IP20 with box terminal/cover finger-safe, for vertical contact from the front with box terminal/cover			
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 T1 value for proof test interval or service life according to IEC 61508	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes No 20 a IP00; IP20 with box terminal/cover finger-safe, for vertical contact from the front with box terminal/cover			
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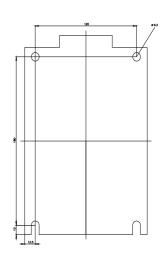
RCM	<u>Type Examination</u> <u>Certificate</u>	CE EG-Konf.	UK CA	<u>Type Test Certific-</u> ates/Test Report	<u>Special Test Certific-</u> ate	
Marine / Shipping					other	
ABS	Llovd's Register uis	PRS	RMRS RMRS	DNV-GL	<u>Confirmation</u>	
other		Railway				
<u>Confirmation</u>	<u>Miscellaneous</u>	Vibration and Shock	Special Test Certific- ate			
Further information					_	
Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/109813875 Information- and Downloadcenter (Catalogs, Brochures,) https://www.siemens.com/ic10 Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT1266-6AD36 Cax online generator						
Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT1266-6AD36 Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/ww/en/ps/3RT1266-6AD36 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT1266-6AD36⟨=en Characteristic: Tripping characteristics, I ² t, Let-through current						

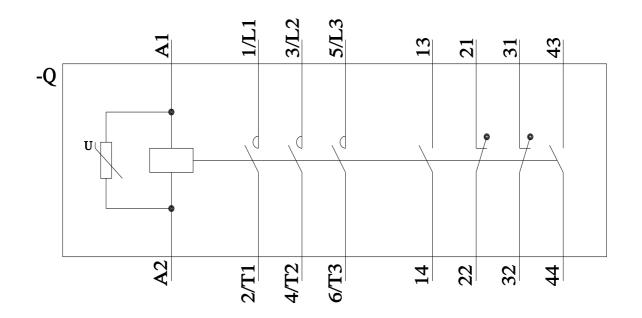
Characteristic: Tripping characteristics, I²t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RT1266-6AD36/char

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT1266-6AD36&objecttype=14&gridview=view1









last modified:

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