SIEMENS

Data sheet 3RT1467-6NF36

0101110



power contactor AC-1 500 A / 690 V / 40 $^{\circ}$ C 3-pole, Uc: 96-127 V AC(50-60 Hz) / DC PLC input 24 V DC drive: electronic auxiliary contacts 2 NO + 2 NC main circuit: busbar control and auxiliary circuit: screw terminal

product type designation General technical data size of contactor product extension • function module for communication • auxillary switch power loss [W] for rated value of the current • at AC in hot operating state • at AC in hot operating state per pole • without load current share typical insulation voltage • of main circuit with degree of pollution 3 rated value • of auxillary circuit with degree of pollution 3 rated value • of auxillary circuit with degree of pollution 3 rated value • of main circuit rated value • of auxillary switch the system • at AC • at DC • at AC • at DC • at AC • at AC • at DC • of contactor typical • of the contactor with added electronically optimized auxillary switch block typical • of the contactor with added electronically optimized auxillary switch block typical • of the contactor with added auxillary switch block typical • of the contactor with added auxillary switch block typical • of the contactor with added auxillary switch block typical • of the contactor with added auxillary switch block typical • of the contactor with added auxillary switch block typical • of the contactor with added auxillary switch block typical • of the contactor with added auxillary switch block typical • of the contactor with added auxillary switch block typical • of the contactor with added auxillary switch block typical • of the contactor with added auxillary switch block typical • of the contactor with added auxillary switch block typical • of the contactor with added auxillary switch block typical • of the contactor with added auxillary switch block typical • of the contactor with added auxillary switch block typical • of the contactor with added auxillary switch block typical • of the contactor with added auxillary switch block typical • of the contactor with added auxillary switch block typical • of the contactor with added auxillary switch block typical • of the contactor with added auxill	product brand name	SIRIUS
Size of contactor product extension • function module for communication • auxiliary switch • at AC in hot operating state end of module for communication • auxiliary switch • at AC in hot operating state end of module for every state and the product extension • auxiliary circuit with degree of pollution 3 rated value • of main circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of main circuit with degree of pollution 3 rated value • of main circuit rated value • of auxiliary circuit rated value • at AC • at DC \$ 500 Fms. 4.2g / 10 ms \$ 550 / 5 ms. 4.2g / 10 ms \$ 500 / 5 ms. 4.2g / 10 ms \$ 13.4g / 5 ms. 6.5g / 10 ms \$ 13.4g / 5 ms. 6.5g / 10 ms \$ 13.4g / 5 ms. 6.5g / 10 ms \$ 13.4g / 5 ms. 6.5g / 10 ms \$ 100 000 000 \$ 100 0	product designation	Contactor
size of contactor product extension • function module for communication • function module for communication • auxiliary switch Power loss [W] for rated value of the current • at AC in hot operating state per pole • at AC in hot operating state per pole • at AC in hot operating state per pole • without load current share typical Insulation voltage • of main circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of auxiliary circuit rated value • at AC • at DC • at DC • at DC shock resistance with sine pulse • at AC • at DC at DC at DC at DC contactor typical • of the contactor with added electronically optimized auxiliary switch block typical • of the contactor with added auxiliary switch block typical reference code according to IEC 81346-2 Sustance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during plorage relative humidity minimum 10 % Main circuit	product type designation	3RT14
product extension • function module for communication • auxilliary switch power loss [W] for rated value of the current • at AC in hot operating state 105.6 W • at AC in hot operating state per pole 35.2 W • without load current share typical 3.4 W Insulation voltage • of main circuit with degree of pollution 3 rated value of main circuit trated value of auxillary circuit ated value of auxillary circuit rated value 6 kW surge voltage resistance • of main circuit rated value 8 kV • of auxillary circuit rated value 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 • at DC 13,4g / 5 ms, 6,5g / 10 ms • at DC 13,4g / 5 ms, 6,5g / 10 ms • at DC 13,4g / 5 ms, 6,5g / 10 ms • at DC 13,4g / 5 ms, 6,5g / 10 ms • of contactor with sine pulse • of the contactor with added dectronically optimized auxiliary switch block typical of the contactor with added auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 • o	General technical data	
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e auxiliary switch power loss IWJ for rated value of the current at AC in hot operating state = 105.6 W without load current share typical 3.4 W insulation voltage of main circuit with degree of pollution 3 rated value 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 shock resistance at rectangular impulse at AC 8,5g / 5 ms, 4,2g / 10 ms shock resistance with sine pulse at AC 8,5g / 5 ms, 4,2g / 10 ms shock resistance with sine pulse at AC 13,4g / 5 ms, 6,5g / 10 ms shock resistance with sine pulse of the contactor with added electronically optimized auxiliary switch block typical of the contactor with added aux	product extension	
power loss [W] for rated value of the current at AC in hot operating state at AC in hot operating state pole at AC in hot operating state prole without load current share typical soft main circuit with degree of pollution 3 rated value of main circuit with degree of pollution 3 rated value of auxiliary circuit with degree of pollution 3 rated value surge voltage resistance of main circuit rated value of auxiliary sircuit rated value of auxiliary sircuit rated value of auxiliary sircuit rated value of at AC output outpu	 function module for communication 	No
at AC in hot operating state at AC in hot operating state per pole without load current share typical insulation voltage of main circuit with degree of pollution 3 rated value of auxiliary circuit with degree of pollution 3 rated value of auxiliary circuit with degree of pollution 3 rated value surge voltage resistance of main circuit rated value of auxiliary circuit rated value 8 kV of auxiliary circuit rated value 8 kV of auxiliary circuit rated value 8 kV shock resistance at rectangular impulse at AC 8,5g / 5 ms, 4,2g / 10 ms shock resistance with sine pulse at AC 13,4g / 5 ms, 6,5g / 10 ms at AC 13,4g / 5 ms, 6,5g / 10 ms at AC 13,4g / 5 ms, 6,5g / 10 ms of contactor typical of the contactor with added electronically optimized auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical reference code according to IEC 81346-2 Q Substance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum ambient temperature during operation during storage relative humidity at 55 °C according to IEC 60068-2-30 maximum Main circuit	auxiliary switch	Yes
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at DC shock resistance with sine pulse at AC at DC 13,4g / 5 ms, 6,5g / 10 ms mechanical service life (operating cycles) of contactor typical of the contactor with added electronically optimized auxiliary switch block typical of the contactor with added auxiliary switch block typical of the cont	shock resistance at rectangular impulse	
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at AC at DC	• at DC	8,5g / 5 ms, 4,2g / 10 ms
** at DC** **mechanical service life (operating cycles)** ** of contactor typical** **of the contactor with added electronically optimized auxiliary switch block typical** **of the contactor with added auxiliary switch block typical** **of the contactor with added auxiliary switch block typical** **of the contactor with added auxiliary switch block typical** **of the contactor with added auxiliary switch block typical** **of the contactor with added auxiliary switch block typical** **of the contactor with added auxiliary switch block typical** **of the contactor with added auxiliary switch block typical** **of the contactor with added auxiliary switch block typical** **of the contactor with added auxiliary switch block typical** **of the contactor with added auxiliary switch block typical** 10 000 000 **of the contactor with added auxiliary switch block typical** 10 000 000 **of the contactor with added auxiliary switch block typical** 10 000 000 **of the contactor with added electronically optimized auxiliary switch block typical** 10 000 000 **of the contactor with added auxiliary switch block typical** 10 000 000 **of the contactor with added auxiliary switch block typical** 10 000 000 **of the contactor with added auxiliary switch block typical** 10 000 000 **of the contactor with added auxiliary switch block typical** 10 000 000 **of the contactor with added auxiliary switch block typical** 10 000 000 **of the contactor with added auxiliary switch block typical** 10 000 000 **of the contactor with added auxiliary switch block typical** 10 000 000 **of the contactor with added auxiliary switch block typical** 10 000 000 **of the contactor with added auxiliary switch block typical** 10 000 000 **of the contactor with added auxiliary switch block typical** 10 000 000 **of the contactor with added auxiliary switch block typical** 10 000 000 **of the contactor	shock resistance with sine pulse	
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of contactor typical of the contactor with added electronically optimized auxiliary switch block typical of the contactor with added auxiliary	• at DC	13,4g / 5 ms, 6,5g / 10 ms
of the contactor with added electronically optimized auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum ambient temperature oduring operation during storage during storage relative humidity minimum relative humidity at 55 °C according to IEC 60068-2-30 maximum Main circuit 5 000 000 0	mechanical service life (operating cycles)	
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reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage relative humidity minimum 10 % relative humidity at 55 °C according to IEC 60068-2-30 maximum Main circuit		5 000 000
Substance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage relative humidity minimum relative humidity at 55 °C according to IEC 60068-2-30 maximum Main circuit	of the contactor with added auxiliary switch block typical	10 000 000
Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage relative humidity minimum relative humidity at 55 °C according to IEC 60068-2-30 maximum Main circuit 2 000 m -25 +60 °C -55 +80 °C 10 % 95 %	reference code according to IEC 81346-2	Q
installation altitude at height above sea level maximum ambient temperature • during operation • during storage relative humidity minimum relative humidity at 55 °C according to IEC 60068-2-30 maximum Main circuit	Substance Prohibitance (Date)	08/10/2018
ambient temperature	Ambient conditions	
● during operation ● during storage ● during storage Telative humidity minimum 10 % relative humidity at 55 °C according to IEC 60068-2-30 maximum Main circuit -25 +60 °C -55 +80 °C 95 %	installation altitude at height above sea level maximum	2 000 m
• during storage relative humidity minimum 10 % relative humidity at 55 °C according to IEC 60068-2-30 maximum Main circuit	ambient temperature	
relative humidity minimum relative humidity at 55 °C according to IEC 60068-2-30 maximum Main circuit 10 % 95 %	 during operation 	-25 +60 °C
relative humidity at 55 °C according to IEC 60068-2-30 95 % maximum Main circuit	during storage	-55 +80 °C
Main circuit	relative humidity minimum	10 %
		95 %
number of poles for main current circuit 3	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 rated value	500 A
— up to 690 V at ambient temperature 55 °C rated value	450 A
 up to 690 V at ambient temperature 60 °C rated value 	450 A
• at AC-3	
— 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	300 mm ²
no-load switching frequency	
• at AC	1 000 1/h
• at DC	1 000 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	96 127 V
at 60 Hz rated value	96 127 V
control supply voltage at DC	
rated value	96 127 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
type of PLC-control input according to IEC 60947-1	Type 2
consumed current at PLC-control input according to IEC 60947-1 maximum	20 mA
design of the surge suppressor	with varistor
apparent pick-up power of magnet coil at AC	
• at 50 Hz	530 VA
inductive power factor with closing power of the coil	0.0
• at 50 Hz	0.8
apparent holding power of magnet coil at AC● at 50 Hz	5 VA
inductive power factor with the holding power of the coil	
● at 50 Hz	0.5
closing power of magnet coil at DC	580 W
holding power of magnet coil at DC	3.4 W
closing delay	
• at AC	45 80 ms
• at DC	45 80 ms
opening delay	
• at AC	80 100 ms
• at DC	80 100 ms
arcing time	10 15 ms
control version of the switch operating mechanism	PLC-IN or Standard A1 - A2 (adjustable)
Auxiliary circuit	
number of NC contacts for auxiliary contacts	2
attachable	4
instantaneous contact	2
number of NO contacts for auxiliary contacts	2

product function short circuit protection design of the fuse link		
Spearstonal current at AC-12 maintain 10 A 1		
# at 200 V rated value	operational current at AC-12 maximum	10 A
a at 400 V rated value	•	
a 18 60 V rated value 2 A operational current at CC-13 12 A a 12 V rated value 10 A a 12 V rated value 2 A a 18 OV rated value 1 A a 18 10 V rated value 1 A a 18 50 V rated value 0.9 A a 18 50 V rated value 0.9 A a 18 50 V rated value 0.1 A a 18 50 V		
• al 1890 V roted value 10 A 10		
a 24 V rated value		
a 12 4V rated value		1 A
a if 46 V rated value	•	
* al 125 V rated value		
* at 220 V rated value		
a till 600 V rated value design of the ministure circuit breaker for short-circuit protection of the auxiliary switch required contact reliability of auxiliary contacts Forecast function short circuit protection design of the fuse link - with type of coordination 1 required - with type of coordination 1 required - with type of coordination of the auxiliary switch required - with type of assignment 2 required - with side-by-side mounting dimensions with wertical mounting surface +/-90" rotatable, with vertical mounting surface - y-22.5" tillable to the front and back state of the forecast of the function of the auxiliary switch required - y-22.5" tillable to the front and back state of the function of the functi		
design of the ministure circuit breaker for short-circuit protection of the auxiliary switch required contact railability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA)		
of the auxiliary switch required contact reliability of auxiliary contacts Short-circuit protection product function short circuit protection • for short-circuit protection of the main circuit — with type of coordination 1 required — with type of coordination 1 required — with type of coordination 2 required • for short-circuit protection of the auxiliary switch required installation/mounting/ dimensions mounting position * side-by-side mounting • with side-by-side mounting • with side-by-side mounting • with side-by-side mounting • with side-by-side mounting • with side-by-side mounting • or or or ownwards — at the side — downwards — downwards — downwards — downwards — or owards — or owards — or owards — ow		
Short-circuit protection product function short circuit protection (asign of the fuse link (asign of the fuse link) (asign of the fuse link) (asign of short-circuit protection of the auxiliary switch required (asign of short-circuit protection of the auxiliary switch required (asign of short-circuit protection of the auxiliary switch required (asign of short-circuit protection of the auxiliary switch required (asign of short-circuit protection of the auxiliary switch required (asign of short-circuit protection of the auxiliary switch required (asign of short-circuit protection of the auxiliary switch required (asign of short-circuit protection of the auxiliary switch required (asign of short-circuit protection) (asign of short-circuit asign of short-circuit as		gG: 10 A (230 V, 400 A)
product function short circuit protection design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required — with type of assignment 2 required 9R 500 A (680 V, 100 kA) 9R 500 A (680 V, 10 kA) 9R 500 A (680 V, 100 kA) 9R	contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)
design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required — with type of assignment 2 required — of re short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position with vertical mounting surface +/-90" rotatable, with vertical mounting surface * is disc-by-side mounting • side-by-side mounting • side-by-side mounting • with side-by-side mounting — onwards — upwards — ownwards — ownw	Short-circuit protection	
• for short-circuit protection of the main circuit — with type of coordination 1 required 9G: 500 A (690 V, 100 kA) 9 for short-circuit protection of the auxiliary switch required 10 for short-circuit protection of the auxiliary switch required 10 for short-circuit protection of the auxiliary switch required 10 for short-circuit protection of the auxiliary switch required 10 for short-circuit protection of the auxiliary switch required 10 for short-circuit protection of the auxiliary switch required 10 for short-circuit protection of the auxiliary switch required 10 for short-circuit protection of the auxiliary switch required 10 for short-circuit protection of the auxiliary switch required 10 for short-circuit protection of the auxiliary switch required 10 for short-circuit protection of the auxiliary switch required 10 for short-circuit protection of the auxiliary switch required 10 for short-circuit protection of the auxiliary switch required 10 for short-circuit protection of the auxiliary switch required 10 for short-circuit protection of the short-circuit protect	product function short circuit protection	No
— with type of coordination 1 required gG: 500 A (690 V, 100 kA) — with type of assignment 2 required gR: 500 A (690 V, 100 kA) — for short-circuit protection of the auxiliary switch required gG: 10 A (690 V, 100 kA) Installation/ mounting/ dimensions with vertical mounting surface +/-90° rotatable, with vertical mounting sur	design of the fuse link	
- with type of assignment 2 required of for short-circuit protection of the auxiliary switch required installation/mounting/ dimensions mounting position with vertical mounting surface +/-90" rotatable, with vertical mounting surfac	 for short-circuit protection of the main circuit 	
For short-circuit protection of the auxiliary switch required installation/ mounting dimensions	 — with type of coordination 1 required 	gG: 500 A (690 V, 100 kA)
mounting position with vertical mounting surface +/-90* rotatable, with vertical mounting surface thing surface +/-90* rotatable, with vertical mounting sur	 — with type of assignment 2 required 	gR: 500 A (690 V, 100 kA)
mounting position with vertical mounting surface +/-90" rotatable, with vertical mounting surface +/-22.5" tiliable to the front and back fastening method	for short-circuit protection of the auxiliary switch required	gG: 10 A (500 V, 1 kA)
## - 22.5° titable to the front and back a side-by-side mounting	-	
side-by-side mounting side-by-side mounting height 210 mm width 445 mm depth 202 mm required spacing with side-by-side mounting forwards upwards upwards the side for grounded parts for grounded parts upwards upwards to mm to mm to for live parts upwards upwards to lin mm for live parts for live parts upwards upwards to mm for live parts for live parts upwards upwards upwards to mm for live parts for live parts upwards upwards to mm for live parts upwards upwards to mm for live parts upwards upwards to mm for live parts upwards to mm for live parts upwards upwards to mm for live parts upwards upwards to mm Connections' Terminals type of electrical connection for main current circuit of ro auxiliary and control circuit at ea contactor for auxiliary contacts of magnet coil Screw-type terminals width of connection bar thickness of connection bar thickness of connection bar diameter of holes 11 mm number of holes	mounting position	
e side-by-side mounting Yes beight 210 mm width 145 mm depth 202 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 20 mm - upwards 10 mm - at the side 10 mm - at the side 10 mm - for live parts 20 mm - for ive parts 20 mm - upwards 10 mm - upwards 10 mm - upwards 10 mm - downwards 10 mm - upwards 10 mm - for read 20 mm cat contactor 0 mm cornections/Terminals 10 mm cornections/Terminals 5 crew-type terminals • at contactor for auxiliary contacts Screw-type terminals • of magnet coil Screw-type terminals • of magnet coil 6 mm	fastening method	
height 210 mm width 145 mm depth 202 mm required spacing • with side-by-side mounting • with side-by-side mounting 20 mm — forwards 10 mm — downwards 10 mm — at the side 0 mm • for grounded parts 20 mm — upwards 10 mm — at the side 10 mm — downwards 10 mm • for live parts 20 mm — forwards 20 mm — upwards 10 mm — downwards 10 mm — at the side 10 mm Ownwards 10 mm — at we side 10 mm Or manufaction 0 mm • for rainias Connections/ Terminals type of electrical connection Connection bar • for auxiliary and control circuit screw-type terminals • of magnet coil Screw-type terminals width of connection bar 6 mm diameter of holes 11 mm number of	_	
width 145 mm depth 202 mm required spacing ************************************	·	
required spacing with side-by-side mounting - forwards - upwards - downwards - at the side o nm for grounded parts - upwards - upwards - upwards - for grounded parts - for grounded parts - for grounded parts - the side - upwards - upwards - upwards - upwards - the side - downwards - at the side - downwards - to live parts - for live parts - for live parts - for live parts - downwards - upwards - upwards - upwards - upwards - to mm - downwards - to mm - downwards - to mm - at the side - to mm - downwards - to mm - at the side - to main current circuit - for auxiliary and control circuit - for main current circuit - of or main current circuit - at contactor for auxiliary contacts - of magnet coil - screw-type terminals - at contactor for auxiliary contacts - of magnet coil - screw-type terminals - at contactor bar - thickness of connection ba	-	
required spacing with side-by-side mounting - forwards - upwards - downwards - at the side 0 mm for grounded parts - forwards - upwards - upwards - upwards - upwards - the side 10 mm - at the side 10 mm - at the side 10 mm - odownwards 10 mm - for live parts - forwards - upwards 10 mm for live parts - forwards 10 mm - at the side 10 mm for live parts - forwards 10 mm - downwards - at the side 10 mm - downwards - at the side 5 connections/Terminals type of electrical connection for main current circuit - for auxiliary and control circuit - at contactor for auxiliary contacts - of magnet coil width of connection bar thickness of connection bar diameter of holes 11 mm number of holes		
with side-by-side mounting	·	
forwards		
- 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 - upwards 10 mm - at the side 10 mm - downwards 10 mm - downwards 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 thickness of connection bar diameter of holes 11 mm number of holes	, ,	20 mm
- downwards - at the side 0 mm • for grounded parts - forwards - upwards - at the side 10 mm - downwards 10 mm • for live parts - forwards 20 mm - upwards 10 mm - downwards 10 mm - downwards 10 mm - at the side 10 mm - at the side 10 mm - downwards 10 mm - at the side 10 mm - at the side 10 mm Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil width of connection bar thickness of connection bar diameter of holes 11 mm number of holes	— upwards	
• for grounded parts — forwards — upwards — upwards — at the side — downwards — for live parts — forwards — upwards — downwards — 10 mm — at the side — to mm — at the side — to mm — at the side — to mm Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil width of connection bar thickness of connection bar diameter of holes 11 mm number of holes 1 1 mm	·	10 mm
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for live parts — forwards — upwards — upwards — downwards — at the side — at the side Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil • of magnet coil width of connection bar thickness of connection bar diameter of holes	·	10 mm
- 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	— downwards	10 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 thickness of connection bar diameter of holes 11 mm number of holes 1	• for live parts	
- downwards - at the side 10 mm Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil width of connection bar thickness of connection bar diameter of holes 10 mm Connection bar Connection bar screw-type terminals Screw-type terminals Screw-type terminals Midth of connection bar thickness of connection bar 11 mm 11 mm	— forwards	20 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	— upwards	10 mm
type of electrical connection • for main current circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil width of connection bar thickness of connection bar diameter of holes 1 Connection bar connect	— downwards	10 mm
type of electrical connection • for main current circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil width of connection bar thickness of connection bar diameter of holes 1 Connection bar Screw-type terminals Screw-type terminals Screw-type terminals 6 mm 11 mm	— at the side	10 mm
for main current circuit for auxiliary and control circuit at contactor for auxiliary contacts of magnet coil width of connection bar thickness of connection bar diameter of holes 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Connections/ Terminals	
 for auxiliary and control circuit at contactor for auxiliary contacts of magnet coil Screw-type terminals width of connection bar thickness of connection bar 6 mm diameter of holes 11 mm number of holes 1 	type of electrical connection	
 at contactor for auxiliary contacts of magnet coil Screw-type terminals width of connection bar thickness of connection bar 6 mm diameter of holes 11 mm number of holes 1 	• for main current circuit	Connection bar
● 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	 for auxiliary and control circuit 	screw-type terminals
width of connection bar25 mmthickness of connection bar6 mmdiameter of holes11 mmnumber of holes1	at contactor for auxiliary contacts	Screw-type terminals
thickness of connection bar 6 mm diameter of holes 11 mm number of holes 1	of magnet coil	Screw-type terminals
diameter of holes 11 mm 11 mm 12 mm 13 mm 14 mm 15 mm 15 mm 15 mm 16 mm 17 mm 17 mm 17 mm 18 mm	width of connection bar	25 mm
number of holes 1	thickness of connection bar	6 mm
	diameter of holes	11 mm
connectable conductor cross-section for main contacts	number of holes	1
	connectable conductor cross-section for main contacts	

 solid or stranded 	70 240 mm²		
• stranded	70 240 mm²		
connectable conductor cross-section for auxiliary contacts			
 solid or stranded 	0.5 4 mm²		
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 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)		
 for AWG cables for auxiliary contacts 	2x (20 16), 2x (18 14), 1x 12		
Safety related data			
product function			
 mirror 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		
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front with box terminal/cover		
Certificates/ approvals			
General Product Approval		EMC	





Confirmation







Functional Safety/Safety of Machinery

Declaration of Conformity

Test Certificates

Marine / Shipping

Type Examination Certificate





Type Test Certificates/Test Report

Special Test Certificate



Marine / Shipping

Railway





Confirmation

Miscellaneous

Vibration and Shock

Special Test Certific-

Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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)

ens.com/mall/en/en/Catalog/product?mlfb=3RT1467-6NF36

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT1467-6NF36

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

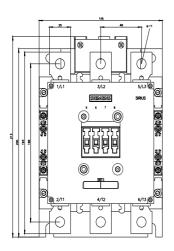
https://support.industry.siemens.com/cs/ww/en/ps/3RT1467-6NF36

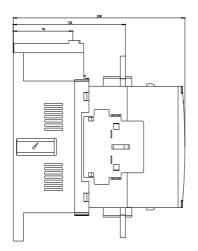
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

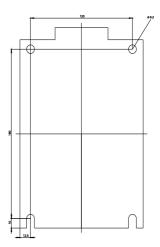
Characteristic: Tripping characteristics, I2t, Let-through current

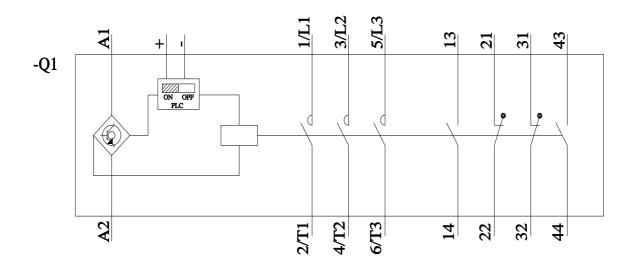
https://support.industry.siemens.com/cs/ww/en/ps/3RT1467-6NF36/char

Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT1467-6NF36&objecttype=14&gridview=view1









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3/15/2022

