SIEMENS

Data sheet 3RT2336-1AH20



Contactor, AC-1, 60 A/400 V/40 °C, S2, 4-pole, 48 V AC, 50/60 Hz, 1 NO+1 NC, screw terminal

product type designation product type designation Sart23 Size of contactor soft contactor	product brand name	SIRIUS
Section Sect	product designation	Contactor
size of contactor product extension • 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 insulation voltage • of main circuit with degree of pollution 3 rated value • of the auxiliary and control circuit with degree of pollution 3 rated value • of main circuit rated value • of auxiliary circuit rated value • of auxiliary circuit rated value • at AC shock resistance at rectangular impulse • at AC shock resistance with sine pulse • at AC mechanical service life (switching cycles) • of contactor 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 • during operation • during storage relative humidity at 55 °C according to IEC 60068-2-30 maximum Main circuit number of poles for main current circuit number of Poles for main current circuit number of NO contacts for main contacts	product type designation	3RT23
product extension • function module for communication • auxiliary switch power loss [W] for rated value of the current • at AC in hot operating state per pole insulation voitage • of main circuit with degree of pollution 3 rated value • of the auxiliary and control circuit with degree of pollution 3 rated value • of main circuit rated value • of auxiliary circuit rated value • of contactor with sine pulse • at AC shock resistance with sine pulse • at AC shock resistance with sine pulse • at AC shock resistance with sine pulse • at AC mechanical service life (switching cycles) • of contactor typical • of the contactor with added auxiliary switch block typical reference code according to IEC 81346-2 Question of the contactor with added auxiliary switch block typical reference code according to IEC 81346-2 Question of the contactor with added auxiliary switch block typical reference code according to IEC 81346-2 Question of the contactor with added auxiliary switch block typical reference code according to IEC 81346-2 Question of the contactor with added auxiliary switch block typical reference code according to IEC 81346-2 Question of the contactor with added auxiliary switch block typical reference code according to IEC 81346-2 Question of the contactor with added auxiliary switch block typical reference code according to IEC 81346-2 Question of the contactor with added auxiliary switch block typical reference code according to IEC 81346-2 Question of the contactor with added auxiliary switch block typical reference code according to IEC 81346-2 Question of the contactor with added auxiliary switch block typical reference code according to IEC 81346-2 Question of the contactor with added auxiliary switch block typical ref	General technical data	
• function module for communication • auxiliary switch power loss [W] for rated value of the current • at AC in hot operating state • at AC in hot operating state per pole insulation voltage • of main circuit with degree of pollution 3 rated value • of the auxiliary and control circuit with degree of pollution 3 rated value • of the auxiliary and control circuit with degree of pollution 3 rated value • of main circuit rated value • of main circuit rated value • of main circuit rated value • of auxiliary circuit rated value • of auxiliary circuit rated value • of auxiliary circuit rated value • at AC shock resistance at rectangular impulse • at AC shock resistance with sine pulse • at AC shock resistance with sine pulse • at AC shock resistance with sine pulse • at AC for contactor typical • of contactor typical • of contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical reference code according to IEC 81346-2 Quut Substance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage relative humidity minimum relative humidity minimum relative humidity minimum relative humidity at 55 °C according to IEC 60068-2-30 maximum Main circuit number of Poles for main current circuit 4 number of NO contacts for main contacts 4 unwher of NO contacts for main contacts 4 unwher of NO contacts for main contacts	size of contactor	S2
auxiliary switch power loss [W] for rated value of the current at AC in hot operating state at AC in hot operating state per pole at AC in hot operating state per pole of main circuit vith degree of pollution 3 rated value of the auxiliary and control circuit with degree of pollution 3 rated value of the auxiliary and control circuit with degree of pollution 3 rated value after auxiliary circuit rated value of auxiliary circuit rated value of auxiliary circuit rated value of auxiliary circuit rated value in the contactor at rectangular impulse at AC shock resistance at rectangular impulse at AC at AC shock resistance with sine pulse of the contactor typical of the contactor with added auxiliary switch block typical reference code according to IEC 81346-2 Substance Prohibitance (Date) installation altitude at height above sea level maximum ambient temperature of uring operation of uring storage - telative humidity at 55 °C according to IEC 60068-2-30 maximum Main circuit number of poles for main current circuit unmber of poles for main current circuit unmber of Pole contacts for main current circuit unmber of Pole contacts for main current circuit unmber of Poles for main current circuit under of poles for main current circuit unmber of Poles for main current circuit under of poles for main contacts	product extension	
power loss [W] for rated value of the current • at AC in hot operating state • at AC in hot operating state per pole insulation voltage • of main circuit with degree of pollution 3 rated value • of the auxiliary and control circuit with degree of pollution 3 rated value • of main circuit rated value surge voltage resistance • of main circuit rated value • of auxiliary circuit rated value • at AC shock resistance at rectangular impulse • at AC shock resistance with sine pulse • at AC shock resistance with sine pulse • of the contactor typical • of the contactor with added auxiliary switch block typical reference code according to IEC 81346-2 Quut 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 number of Poles for main current circuit 4 number of Poles for main current circuit 1 unmber of Poles for main contacts	 function module for communication 	No
at AC in hot operating state at AC in hot operating state per pole at AC in hot operating state per pole insulation voltage of main circuit with degree of pollution 3 rated value of the auxiliary and control circuit with degree of pollution 3 rated value of the auxiliary and control circuit with degree of pollution 3 rated value surge voltage resistance of main circuit rated value of auxiliary circuit rated value of auxiliary circuit rated value of auxiliary circuit rated value at AC 11.8g / 5 ms, 7.4g / 10 ms shock resistance with sine pulse ot AC 18.5g / 5 ms, 11.6g / 10 ms mechanical service life (switching cycles) of contactor typical of the contactor with added auxiliary switch block typical reference code according to IEC 81346-2 Quut Substance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum ambient temperature oturing operation of uluring storage relative humidity minimum relative humidity minimum relative humidity at 55 °C according to IEC 60068-2-30 maximum Main circuit number of poles for main current circuit 4 number of NO contacts for main current circuit 4 number of NO contacts for main current circuit 4 number of NO contacts for main current circuit 4	auxiliary switch	Yes
• at AC in hot operating state per pole insulation voltage • of main circuit with degree of pollution 3 rated value • of the auxiliary and control circuit with degree of pollution 3 rated value surge voltage resistance • of main circuit rated value some of auxiliary circuit rated value • of auxiliary circuit rated value • of auxiliary circuit rated value • at AC shock resistance at rectangular impulse • at AC shock resistance with sine pulse • at AC rectangular impulse • at AC shock resistance with sine pulse • at AC rectangular impulse • of contactor typical • of the contactor typical • of the contactor with added auxiliary switch block typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Anbient 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 number of poles for main current circuit 4 number of poles for main current circuit 4 number of NO contacts for main contacts		
Insulation voltage of main circuit with degree of pollution 3 rated value of the auxiliary and control circuit with degree of pollution 3 rated value surge voltage resistance of main circuit rated value of auxiliary circuit rated value of auxiliary circuit rated value at AC shock resistance at rectangular impulse at AC 11.8g / 5 ms, 7.4g / 10 ms shock resistance with sine pulse at AC 18.5g / 5 ms, 11.6g / 10 ms mechanical service life (switching cycles) of contactor typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical freference code according to IEC 81346-2 Queston according to IEC 81346-2 Ambient conditions installation altitude at height above sea level maximum ambient temperature during operation during storage -55+80 °C relative humidity minimum 10 % relative humidity minimum 10 % Main circuit number of poles for main current circuit number of poles for main current circuit number of poles for main current circuit number of NO contacts for main contacts	 at AC in hot operating state 	12.8 W
of main circuit with degree of pollution 3 rated value of the auxiliary and control circuit with degree of pollution 3 rated value surge voltage resistance of main circuit rated value of auxiliary circuit rated value of auxiliary circuit rated value of auxiliary circuit rated value of avxiliary circuit rated value of tax AC	at AC in hot operating state per pole	3.2 W
of the auxiliary and control circuit with degree of pollution 3 rated value surge voltage resistance of main circuit rated value of auxiliary circuit rated value of auxiliary circuit rated value of auxiliary circuit rated value of at AC shock resistance at rectangular impulse ot AC shock resistance with sine pulse ot AC shock resistance with sine pulse of contactor typical of contactor 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 relative humidity minimum relative humidity at 55 °C according to IEC 60068-2-30 maximum Main circuit number of poles for main current circuit 4 number of NO contacts for main contacts 6 kV 6 kV 11.8g / 5 ms, 7.4g / 10 ms 18.5g / 5 ms, 11.6g / 10 ms 10.000 000 10.000 00 10.000 00 10.000 00 10.000 00 10.000 00 10.000 00 10.000 00 10.000 00 10.000 00	insulation voltage	
surge voltage resistance • of main circuit rated value • of auxiliary circuit rated value • of auxiliary circuit rated value • at AC shock resistance at rectangular impulse • at AC shock resistance with sine pulse • at AC mechanical service life (switching cycles) • of contactor 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 • during operation • during storage relative humidity minimum relative humidity minimum relative humidity at 55 °C according to IEC 60068-2-30 maximum Main circuit number of Poles for main current circuit number of NO contacts for main current circuit 4 number of NO contacts for main current circuit 4 number of NO contacts for main current circuit 4 number of Poles for main current circuit 4 number of NO contacts for main contacts	 of main circuit with degree of pollution 3 rated value 	690 V
of main circuit rated value of auxiliary circuit rated value shock resistance at rectangular impulse • at AC		690 V
of auxiliary circuit rated value shock resistance at rectangular impulse o at AC	surge voltage resistance	
shock resistance at rectangular impulse • at AC shock resistance with sine pulse • at AC nechanical service life (switching cycles) • of contactor 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 • during operation • during storage relative humidity minimum relative humidity at 55 °C according to IEC 60068-2-30 maximum Main circuit number of poles for main current circuit 4 number of NO contacts for main contacts 11.8g / 5 ms, 7.4g / 10 ms 18.5g / 5 ms, 7.4g / 10 ms 18.5g / 5 ms, 7.4g / 10 ms 18.5g / 5 ms, 11.6g / 10 ms 10.000 000	 of main circuit rated value 	6 kV
at AC shock resistance with sine pulse at AC at AC technical service life (switching cycles) of contactor typical of the contactor with added auxiliary switch block typical reference code according to IEC 81346-2 Quantification altitude at height above sea level maximum ambient temperature of during operation during storage relative humidity minimum relative humidity at 55 °C according to IEC 60068-2-30 maximum Main circuit number of POC contacts for main contacts 11.8g / 5 ms, 7.4g / 10 ms 18.5g / 5 ms, 11.6g / 10 ms 10.000 000 10.000 00 10	of auxiliary circuit rated value	6 kV
shock resistance with sine pulse • at AC mechanical service life (switching cycles) • of contactor typical • of the contactor with added auxiliary switch block typical reference code according to IEC 81346-2 Quabstance 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 number of poles for main current circuit number of NO contacts for main contacts 10 000 000 10 000 000 10 000 000 10 000 00	shock resistance at rectangular impulse	
at AC mechanical service life (switching cycles) of contactor 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 of during operation during storage relative humidity minimum relative humidity at 55 °C according to IEC 60068-2-30 maximum Main circuit number of poles for main current circuit number of NO contacts for main contacts 10 000 000 10 000 000 10 000 000 10 000 00	• at AC	11.8g / 5 ms, 7.4g / 10 ms
mechanical service life (switching cycles) of contactor 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 of during operation during storage relative humidity minimum relative humidity at 55 °C according to IEC 60068-2-30 maximum Main circuit number of Poles for main current circuit number of NO contacts for main contacts 10 000 000 10 000 000 10 000 000 10 000 00	shock resistance with sine pulse	
of contactor 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 oldering operation during operation oldering storage relative humidity minimum relative humidity at 55 °C according to IEC 60068-2-30 maximum Main circuit number of poles for main current circuit number of NO contacts for main contacts 10 000 000 10 000 000 10 000 000 10 000 00	• at AC	18.5g / 5 ms, 11.6g / 10 ms
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 • during operation • during storage relative humidity minimum relative humidity at 55 °C according to IEC 60068-2-30 maximum Main circuit number of poles for main current circuit number of NO contacts for main contacts 10 000 000 10 000 000 10 000 000 10 000 00	mechanical service life (switching cycles)	
reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 10/01/2014 Ambient conditions installation altitude at height above sea level maximum 2 000 m ambient temperature • during operation -40 +70 °C • during storage -55 +80 °C relative humidity minimum 10 % relative humidity at 55 °C according to IEC 60068-2-30 maximum Main circuit number of poles for main current circuit 4 number of NO contacts for main contacts 4	 of contactor typical 	10 000 000
Substance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage • during storage relative humidity minimum relative humidity at 55 °C according to IEC 60068-2-30 maximum Main circuit number of poles for main current circuit number of NO contacts for main contacts 10/01/2014 2 000 m -40 +70 °C -55 +80 °C 95 % 95 % 4		10 000 000
installation altitude at height above sea level maximum ambient temperature • during operation • during storage • during storage relative humidity minimum relative humidity at 55 °C according to IEC 60068-2-30 maximum Main circuit number of poles for main current circuit number of NO contacts for main contacts 2 000 m -40 +70 °C -40 +70 °C -55 +80 °C 95 % 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 number of poles for main current circuit number of NO contacts for main contacts 2 000 m -40 +70 °C -55 +80 °C 95 % 95 %	Substance Prohibitance (Date)	10/01/2014
ambient temperature • during operation • during storage • during storage -55 +80 °C relative humidity minimum 10 % relative humidity at 55 °C according to IEC 60068-2-30 95 % maximum Main circuit number of poles for main current circuit number of NO contacts for main contacts 4	Ambient conditions	
 during operation during storage telative humidity minimum relative humidity at 55 °C according to IEC 60068-2-30 maximum Main circuit number of poles for main current circuit number of NO contacts for main contacts 	installation altitude at height above sea level maximum	2 000 m
● during storage relative humidity minimum relative humidity at 55 °C according to IEC 60068-2-30 maximum Main circuit number of poles for main current circuit number of NO contacts for main contacts -55 +80 °C 95 % 95 % 4	ambient temperature	
relative humidity minimum relative humidity at 55 °C according to IEC 60068-2-30 maximum Main circuit number of poles for main current circuit number of NO contacts for main contacts 10 % 95 % 4	during operation	
relative humidity at 55 °C according to IEC 60068-2-30 95 % maximum Main circuit number of poles for main current circuit 4 number of NO contacts for main contacts 4	during storage	-55 +80 °C
maximum Main circuit number of poles for main current circuit 4 number of NO contacts for main contacts 4		10 %
number of poles for main current circuit 4 number of NO contacts for main contacts 4		95 %
number of NO contacts for main contacts 4	Main circuit	
	number of poles for main current circuit	4
operational current	number of NO contacts for main contacts	4
	operational current	

 at AC-1 at 400 V at ambient temperature 40 °C rated value at AC-1 	60 A
— up to 690 V at ambient temperature 40 °C rated value	60 A
 up to 690 V at ambient temperature 60 °C rated value 	55 A
• at AC-3	
— at 400 V rated value	38 A
minimum cross-section in main circuit at maximum AC-1 rated value	16 mm²
short-time withstand current in cold operating state	
up to 40 °C	Lies minimum areas section ass to AC 1 retail value
Ilimited to 1 s switching at zero current maximum Ilimited to 5 a switching at zero current maximum	Use minimum cross-section acc. to AC-1 rated value
Ilmited to 5 s switching at zero current maximum Ilmited to 10 s switching at zero current maximum	Use minimum cross-section acc. to AC-1 rated value Use minimum cross-section acc. to AC-1 rated value
 limited to 10 s switching at zero current maximum limited to 30 s switching at zero current maximum 	Use minimum cross-section acc. to AC-1 rated value
_	Use minimum cross-section acc. to AC-1 rated value
Iimited to 60 s switching at zero current maximum Policial switching frequency Policial s	Ose millimum cross-section acc. to AC-1 fateu value
no-load switching frequency • at AC	5 000 1/h
operating frequency at AC-1 maximum	700 1/h
Control circuit/ Control	700 1/11
	AC
type of voltage	AC AC
type of voltage of the control supply voltage	AC
control supply voltage at AC • at 50 Hz rated value	48 V
at 50 Hz rated value at 60 Hz rated value	48 V
operating range factor control supply voltage rated	40 V
value of magnet coil at AC	
• at 50 Hz	0.8 1.1
● at 60 Hz	0.85 1.1
apparent pick-up power of magnet coil at AC	
● at 50 Hz	210 VA
● at 60 Hz	188 VA
inductive power factor with closing power of the coil	
● at 50 Hz	0.69
● at 60 Hz	0.65
apparent holding power of magnet coil at AC	
● at 50 Hz	17.2 VA
● at 60 Hz	16.5 VA
inductive power factor with the holding power of the	
coil • at 50 Hz	0.36
• at 50 Hz • at 60 Hz	0.39
closing delay	0.00
• at AC	10 80 ms
opening delay	10 00 III0
• at AC	10 18 ms
arcing time	10 20 ms
control version of the switch operating mechanism	Standard A1 - A2
Auxiliary circuit	
number of NC contacts for auxiliary contacts	1
attachable	2
instantaneous contact	1
number of NO contacts for auxiliary contacts	1
attachable	2
instantaneous contact	1
operational current at AC-12 maximum	10 A
operational current at AC-15	
at 230 V rated value	10 A
at 400 V rated value	3 A

• al 500 V ribided value • al 680 V ribided value • al 125 V ribided value • al 126 V ribided value • al 126 V ribided value • al 126 V ribided value • al 127 V ribided value • al 128 V ribided value • al 180 V ribided va			
Operational current at DC-12 all 24 V rated value 8.A	 at 500 V rated value 	2 A	
• at 24 V rated value	at 690 V rated value	1 A	
• at 48 V rated value • at 69 V rated value • at 125 V rated value • at 125 V rated value • at 220 V rated value • at 220 V rated value • at 260 V rated value • at 220 V rated value • at 24 V rated value • at 24 V rated value • at 48 V rated value • at 125 V rated value • at 125 V rated value • at 125 V rated value • at 26 V rated value • at 27 V rated value • at 28 V rated value • at 28 V rated value • at 29 V rated value • at 20 V rated value • at 29 V rated value • at 20 V rated value • a	operational current at DC-12		
e at 10 V rated value		10 A	
e at 110 V rated value	at 48 V rated value	6 A	
e at 110 V rated value			
ent 125 V rated value			
end 220 V rated value			
a tit 600 V rated value operational current at DC-13 a til 48 V rated value at 48 V rated value at 48 V rated value at 126 V rated value at 127 V rated value at 127 V rated value at 127 V rated value at 128 V rated val			
operational current at DC-13 • at 24 Y rated value • at 140 Y rated value • at 110 Y rated value • at 110 Y rated value • at 110 Y rated value • at 1220 Y rated value • at 220 Y rated value • at 600 V rated value • at 600 V rated value Ontact reliability of auxillary contacts ULCSA ratings contact reliability of auxillary contacts I faulty switching per 100 million (17 V, 1 mA) ULCSA ratings contact reliability of auxillary contacts VILOSA ratings Contact reliability of auxillary contacts I faulty switching per 100 million (17 V, 1 mA) ULCSA ratings Contact reliability of auxillary contacts I faulty switching per 100 million (17 V, 1 mA) ULCSA ratings Contact reliability of auxillary contacts I faulty switching per 100 million (17 V, 1 mA) VILOSA ratings Contact reliability of auxillary contacts I faulty switching per 100 million (17 V, 1 mA) VILOSA ratings Contact reliability of auxillary contacts I faulty switching per 100 million (17 V, 1 mA) VILOSA ratings Contact reliability of auxillary contacts I faulty switching per 100 million (17 V, 1 mA) A600 / P600 No Contact reliability of auxillary contacts I faulty switching per 100 million (17 V, 1 mA) VILOSA ratings Contact reliability of auxillary contacts I faulty switching per 100 million (17 V, 1 mA) A600 / P600 No Contact reliability of auxillary contacts I faulty switching per 100 million (17 V, 1 mA) VILOSA ratings Contact reliability of auxillary switch required QG: 160 A (690 V, 100 kA) QG: 63 A (690 V, 10 kA) QG: 63 A (690 V, 100 kA) QG: 63 A (690 V, 10 kA) QG: 63 A (690 V, 100 kA) QG: 10 A (690 V, 10 kA) QG: 1			
• at 24 V rated value • at 46 V rated value • at 1125 V rated value • at 1126 V rated value • at 126 V rated value • at 2600 V		0.15 A	
at 48 V rated value at 110 V rated value at 120 V rated value 0.9 A at 220 V rated value 0.1 A at 230 V rated value 0.1 A at 320 V rated value 0.1 A gesign of the miniature circuit breaker for short-circuit protection of the auxiliary switch inequired contact reliability of auxiliary contacts ULCSA ratings A600 V P600 Short-circuit protection product function short circuit protection product function short circuit protection acisign of the fuse link of or short-circuit protection of the auxiliary switch — with type of assignment 2 required after short-circuit protection of the auxiliary switch required after short-circuit protection of the auxiliary switch required after short-circuit protection of the auxiliary switch required after short-circuit protection of the auxiliary switch required after short-circuit protection of the auxiliary switch required after short-circuit protection of the auxiliary switch required after short-circuit protection of the auxiliary switch required after short-circuit protection of the auxiliary switch required after short-circuit protection of the auxiliary switch required after short-circuit protection of the auxiliary switch required after short-circuit protection after short-circuit protection browning position 4-/180° rotation possible on vertical mounting surface; can be titled forward and backward by 4-/22.5° on vertical mounting rail according to DIN EN 60715 browning and backward by 4-/22.5° on vertical mounting rail according to DIN EN 60715 after short-circuit protection after sh	•		
at 110 V rated value at 125 V rated value at 126 V rated value at 320 V rated value at 300 V rated value contact reliability of auxiliary contacts UUCSA ratings contact rating of auxiliary contacts Volucion of the selection of the main circuit with type of coordination 1 required with type of coordination 1 required of or short-circuit protection of the auxiliary switch required with type of coordination 1 required of or short-circuit protection of the auxiliary switch required of or short-circuit protection of the auxiliary switch required with type of assignment 2 required of or short-circuit protection of the auxiliary switch required installation/mounting/dimensions mounting position forward and backward by 47-22.5° on vertical mounting surface; can be tilted forward and backward by 47-22.5° on vertical mounting rail according to DIN EN 60715 screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 with slide-by-side mounting of onwards of mm of onwards of			
at 125 V rated value at 220 V rated value at 230 V rated value 3 design of the miniature circuit breaker for short-circuit protection of the auxiliary switch required contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) 1 faulty switching per	 at 48 V rated value 		
at 220 V rated value at 300 V rated value design of the ministure circuit breaker for short-circuit protection of the auxiliary switch required contact reliability of auxiliary contacts ULICSA ratings contact rating of auxiliary contacts Contact rating of auxiliary contacts according to UL A600 / P600 Short-circuit protection product function short circuit protection design of the fuse link - with type of coordination 1 required - with type of assignment 2 required - for short-circuit protection of the auxiliary switch required - for short-circuit protection of the auxiliary switch required - for short-circuit protection of the auxiliary switch required - with type of assignment 2 required - for short-circuit protection of the auxiliary switch - gG: 160 A (690 V, 100 kA) - gG: 63 A (690 V, 100 kA) - gG: 63 A (690 V, 100 kA) - gG: 63 A (690 V, 100 kA) - gG: 10 A (690 V, 1 kA) - gG: 10 A (690 V, 1 kA) - gG: 10 A (690 V, 1 kA) - gG: 10 A (690 V, 1 kA) - gG: 10 A (690 V, 1 kA) - gG: 10 A (690 V, 1 kA) - gG: 10 A (690 V, 1 kA) - gG: 10 A (690 V, 100 kA) - gG: 10 A (690 V, 100 kA) - gG: 63 A (690 V, 100 kA) - gG: 6	 at 110 V rated value 	1 A	
design of the miniature circuit breaker for short-circuit protection of the auxiliary switch required contact reliability of auxiliary contacts ULCSA ratings contact rating of auxiliary contacts according to UL. Short-circuit protection product function short circuit protection design of the fuse link of for short-circuit protection of the main circuit — with type of coardination 1 required with type of assignment 2 required of rishort-circuit protection of the auxiliary switch required for short-circuit protection of the auxiliary switch required of or short-circuit protection of the auxiliary switch required of short-circuit protection of the auxiliary switch required solves and short-circuit protection of the auxiliary switch required in the short-circuit protection of the auxiliary switch required in the short-circuit protection of the auxiliary switch required solves and short-circuit protection of the auxiliary switch required in the short-circuit short-circuit short-circuit screw and sang-on mounting surface; can be tilted forward and backward by #-22.5" on vertical mounting surface; can be tilted forward and backward by #-22.5" on vertical mounting surface; can be tilted forward and backward by #-22.5" on vertical mounting surface; can be tilted forward and backward by #-22.5" on vertical mounting surface; can be tilted forward and backward by #-22.5" on vertical mounting surface; can be tilted forward and backward by #-22.5" on vertical mounting surface; can be tilted forward and backward by #-22.5" on vertical mounting surface; can be tilted forward and backward by #-22.5" on vertical mounting surface; can be tilted forward and backward by #-22.5" on vertical mounting surface; can be tilted forward and backward by #-22.5" on vertical mounting sur	 at 125 V rated value 	0.9 A	
design of the miniature circuit breaker for short-circuit protection of the auxiliary switch required contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) ULCSA ratings contact rating of auxiliary contacts according to UL Short-circuit protection 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 • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required spacing • side-by-side mounting of the auxiliary switch required spacing • side-by-side mounting • side-by-side mounting • side-by-side mounting • with side-by-side mounting • with side-by-side mounting • with side-by-side mounting • of orgounded parts — forwards — at the side • downwards — at the side • downwards — of mm • for live parts — forwards — upwards — of mm • for live parts — forwards — upwards — of mm • of mm • odonwards — of womwards — at the side • for min current circuit • for auxiliary and control circuit • for auxiliary and control circuit • for main current circuit • for formain current circuit • for main current circuit • for formain current	 at 220 V rated value 	0.3 A	
protection of the auxiliary contacts Contact rating of auxiliary contacts Contact rating of auxiliary contacts Contact rating of auxiliary contacts according to UL A600 / P600 Short-circuit protection product function short circuit protection A600 / P600 No design of the fuse link A600 / P600 No Ger 160 A (690 V. 100 kA) gG: 16	 at 600 V rated value 	0.1 A	
Taulty switching per 100 million (17 V, 1 mA)		gG: 10 A (230 V, 400 A)	
contact rating of auxiliary contacts according to UL A600 / P600 Short-circuit protection product function short circuit protection design of the fuse link of or short-circuit protection of the main circuit — with type of coordination 1 required — with type of assignment 2 required of short-circuit protection of the auxiliary switch required of or short-circuit protection of the auxiliary switch required of or short-circuit protection of the auxiliary switch required of short-circuit protection of the auxiliary switch required short-circuit protection of the auxiliary switch required and backward by +/- 22.5" on vertical mounting surface; can be titled forward and backward by +/- 22.5" on vertical mounting surface; can be titled forward and backward by +/- 22.5" on vertical mounting surface; can be titled forward and backward by +/- 22.5" on vertical mounting surface; can be titled forward and backward by +/- 22.5" on vertical mounting surface; can be titled forward and backward by +/- 22.5" on vertical mounting surface; can be titled forward and backward by +/- 22.5" on vertical mounting surface; can be titled forward and backward by +/- 22.5" on vertical mounting surface; can be titled forward and backward by +/- 22.5" on vertical mounting surface; can be titled forward and backward by +/- 22.5" on vertical mounting surface; can be titled forward and backward by +/- 22.5" on vertical mounting surface; can be titled forward and backward by +/- 22.5" on vertical mounting surface; can be titled forward and backward by +/- 22.5" on vertical mounting surface; can be titled forward and backward by +/- 22.5" on vertical mounting surface; can be		1 faulty switching per 100 million (17 V, 1 mA)	
contact rating of auxiliary contacts according to UL Short-circuit protection product function short circuit protection design of the fuse link		,	
Short-circuit protection 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 • for short-circuit protection of the auxiliary switch • forward and backward by 1-2 25° on vertical mounting surface; can be tilted forward and backward by 1-2 25° on vertical mounting surface; can be tilted forward and backward by 1-2 25° on vertical mounting surface; can be tilted forward and backward by 1-2 25° on vertical mounting surface; can be tilted forward and backward by 1-2 25° on vertical mounting surface; can be tilted forward and backward by 1-2 25° on vertical mounting surface; can be tilted forward and backward by 1-2 25° on vertical mounting surface; can be tilted forward and backward by 1-2 25° on vertical mounting surface; can be tilted forward and backward by 1-2 25° on vertical mounting surface; can be tilted forward and backward by 1-2 25° on vertical mounting surface; can be tilted forward and backward by 1-2 25° on vertical mounting surface; can be tilted for main forwards 10 mm		A600 / D600	
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 • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position **f-180" rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5" on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 **side-by-side mounting** **height** 114 mm width 75 mm depth 75 mm depth 130 mm required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side — of or grounded parts — forwards — upwards — at the side • for grounded parts — forwards — upwards — at the side • for live parts — forwards — upwards — at the side — downwards • for live parts — forwards — upwards — at the side — downwards • for live parts — forwards — upwards — at the side — downwards • for live parts — forwards — at the side — downwards — at the side — downwards — at the side — forwards — at the side — formards — upwards — at the side — forwards — f		A000 / P000	
design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required gG: 160 A (690 V, 100 kA) gG: 63 A (690 V, 100 kA) gG: 63 A (690 V, 100 kA) gG: 63 A (690 V, 100 kA) gG: 10 A (690 V, 1 kA) gG: 10 A (690 V			
• for short-circuit protection of the main circuit — with type of coordination 1 required — with type of assignment 2 required • for short-circuit protection of the auxiliary switch • for an auxiliary switch • for an auxiliary switch • for an auxiliary switch • for auxiliary and control circuit		No	
- with type of coordination 1 required - with type of assignment 2 required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions Mounting position	design of the fuse link		
- with type of assignment 2 required • for short-circuit protection of the auxiliary switch required for short-circuit protection of the auxiliary switch required	 for short-circuit protection of the main circuit 		
For short-circuit protection of the auxiliary switch required	 — with type of coordination 1 required 	gG: 160 A (690 V, 100 kA)	
Installation/ mounting/ dimensions mounting position	 — with type of assignment 2 required 	gG: 63 A (690 V,100 kA)	
Installation/ mounting/ dimensions	 for short-circuit protection of the auxiliary switch 	gG: 10 A (690 V, 1 kA)	
mounting position +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 • side-by-side mounting Yes height 114 mm width 75 mm depth 130 mm required spacing • with side-by-side mounting — forwards — upwards — at the side • for grounded parts — forwards — at the side — downwards 10 mm — at the side — forwards — forwards — forwards — forwards — towards — to	required		
fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 • side-by-side mounting Yes height 114 mm width 75 mm depth 130 mm required spacing • with side-by-side mounting — forwards — upwards — at the side • for grounded parts — forwards — upwards — at the side • for grounded parts — forwards — at the side — downwards — at the side — forwards — upwards — to mm • for live parts — for rive parts — for rowards — upwards — to mm • for live parts — for wards — upwards — to mm • for live parts — for wards — upwards — to mm • for live parts — for wards — upwards — to mm • for live parts — forwards — upwards — to mm • for live parts — forwards — upwards — to mm • for live parts — forwards — to mm • for live parts — forwards — to mm — at the side — downwards — to mm • for main current circuit • for auxiliary and control circuit screw-type terminals	Installation/ mounting/ dimensions		
fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 ◆ side-by-side mounting Yes height 114 mm width 75 mm depth 130 mm required spacing • with side-by-side mounting ● forwards 10 mm — upwards 10 mm — downwards 10 mm — at the side 0 mm — for grounded parts 10 mm — for puwards 10 mm — at the side 6 mm — downwards 10 mm • for live parts 10 mm — downwards 10 mm — at the side 6 mm Connections/ Terminals 10 mm type of electrical connection 6 mm • for main current circuit screw-type terminals • for main current circuit screw-type terminals	Installation/ mounting/ dimensions		
iside-by-side mounting height width			
height width 75 mm depth 130 mm required spacing • with side-by-side mounting — forwards 10 mm — upwards 10 mm — at the side 0 mm • for grounded parts — forwards 10 mm • at the side 6 mm — at the side 6 mm — downwards 10 mm — at the side 6 mm — at the side 6 mm — downwards 10 mm • for live parts — forwards 10 mm — upwards 10 mm — upwards 6 mm — connections/ Terminals type of electrical connection • for main current circuit screw-type terminals • for auxiliary and control circuit screw-type terminals	mounting position	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail	
width 75 mm depth 130 mm required spacing • with side-by-side mounting — forwards 10 mm — upwards 10 mm — downwards 10 mm • for grounded parts — forwards 10 mm • for grounded parts — at the side 6 mm — at the side 6 mm • for live parts — forwards 10 mm — upwards 10 mm — upwards 10 mm — downwards 10 mm — downwards 10 mm — downwards 10 mm — downwards 50 mm Connections/ Terminals type of electrical connection • for main current circuit screw-type terminals • for auxiliary and control circuit screw-type terminals	mounting position fastening method	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715	
depth 130 mm required spacing with side-by-side mounting forwards upwards downwards 10 mm downwards 10 mm - downwards 10 mm • for grounded parts - forwards 10 mm - upwards 10 mm - at the side 6 mm - downwards 10 mm • for live parts 10 mm - upwards 10 mm - downwards 10 mm - downwards 10 mm - at the side 6 mm Connections/ Terminals type of electrical connection screw-type terminals • for main current circuit screw-type terminals • for auxiliary and control circuit screw-type terminals	mounting position fastening method • side-by-side mounting	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes	
required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — upwards — 10 mm • for grounded parts — forwards — upwards — upwards — at the side — downwards — to mm — at the side — downwards • for live parts — forwards — upwards — upwards — to mm • for live parts — forwards — upwards — upwards — upwards — to mm Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit screw-type terminals • screw-type terminals	mounting position fastening method • side-by-side mounting height	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm	
with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — upwards — forwards — upwards — upwards — at the side — downwards — at the side — downwards — for live parts — for live parts — forwards — upwards — upwards — to mm — downwards — forwards — upwards — at the side — forwards — upwards — upwards — at the side — downwards — downwards — downwards — at the side — formal current circuit — at the side Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit screw-type terminals	mounting position fastening method • side-by-side mounting height width	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm	
forwards 10 mm upwards 10 mm downwards 10 mm at the side 0 mm for grounded parts forwards 10 mm upwards 10 mm upwards 10 mm upwards 10 mm at the side 6 mm downwards 10 mm for live parts forwards 10 mm upwards 10 mm downwards 10 mm downwards 10 mm downwards 10 mm at the side 6 mm Connections/ Terminals type of electrical connection for main current circuit screw-type terminals for auxiliary and control circuit screw-type terminals	mounting position fastening method • side-by-side mounting height width depth	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm	
- upwards 10 mm - downwards 0 mm - at the side 0 mm • for grounded parts - forwards 10 mm - upwards 10 mm - at the side 6 mm - downwards 10 mm - at the side 6 mm - downwards 10 mm • for live parts - forwards 10 mm - upwards 10 mm - downwards 10 mm - downwards 10 mm - downwards 6 mm Connections/ Terminals type of electrical connection • for main current circuit screw-type terminals • for auxiliary and control circuit screw-type terminals	mounting position fastening method • side-by-side mounting height width depth required spacing	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm	
- downwards 10 mm - at the side 0 mm • for grounded parts - forwards 10 mm - upwards 10 mm - at the side 6 mm - downwards 10 mm • for live parts - forwards 10 mm - upwards 10 mm • for wards 10 mm • for main current circuit screw-type terminals • for auxiliary and control circuit screw-type terminals	mounting position fastening method • side-by-side mounting height width depth required spacing • with side-by-side mounting	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm	
- at the side 0 mm • for grounded parts - forwards 10 mm - upwards 10 mm - at the side 6 mm - downwards 10 mm • for live parts - forwards 10 mm - upwards 10 mm - upwards 10 mm - downwards 10 mm - downwards 10 mm - downwards 6 mm Connections/ Terminals type of electrical connection • for main current circuit screw-type terminals • for auxiliary and control circuit screw-type terminals	mounting position fastening method • side-by-side mounting height width depth required spacing • with side-by-side mounting — forwards	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm	
for grounded parts — forwards — upwards — at the side — downwards • for live parts — forwards — upwards — upwards — upwards — upwards — upwards — at the side — downwards — at the side — at the side Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit — screw-type terminals • for auxiliary and control circuit — screw-type terminals	mounting position fastening method • side-by-side mounting height width depth required spacing • with side-by-side mounting — forwards — upwards	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm	
forwards 10 mm upwards 10 mm at the side 6 mm downwards 10 mm • for live parts forwards 10 mm upwards 10 mm upwards 10 mm downwards 10 mm downwards 10 mm at the side 6 mm Connections/ Terminals type of electrical connection • for main current circuit screw-type terminals • for auxiliary and control circuit screw-type terminals	mounting position fastening method • side-by-side mounting height width depth required spacing • with side-by-side mounting — forwards — upwards — downwards	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm 10 mm 10 mm	
 — upwards — at the side — downwards • for live parts — forwards — upwards — upwards — downwards — at the side Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit screw-type terminals 	mounting position fastening method • side-by-side mounting height width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm 10 mm 10 mm	
- at the side - downwards 10 mm • for live parts - forwards - upwards - upwards - downwards - at the side Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit screw-type terminals	mounting position fastening method • side-by-side mounting height width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm 10 mm 10 mm 10 mm 0 mm	
- downwards • for live parts - forwards - upwards - downwards - at the side Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit screw-type terminals	mounting position fastening method • side-by-side mounting height width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm 10 mm 10 mm 10 mm 0 mm	
● for live parts — forwards — upwards — downwards — at the side Connections/ Terminals type of electrical connection ● for main current circuit ● for auxiliary and control circuit screw-type terminals	mounting position fastening method • side-by-side mounting height width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm 10 mm 10 mm 10 mm 10 mm	
- forwards 10 mm - upwards 10 mm - downwards 10 mm - at the side 6 mm Connections/ Terminals type of electrical connection • for main current circuit screw-type terminals • for auxiliary and control circuit screw-type terminals	mounting position fastening method • side-by-side mounting height width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — upwards	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm 10 mm 10 mm 10 mm 10 mm 10 mm	
- forwards 10 mm - upwards 10 mm - downwards 10 mm - at the side 6 mm Connections/ Terminals type of electrical connection • for main current circuit screw-type terminals • for auxiliary and control circuit screw-type terminals	mounting position fastening method • side-by-side mounting height width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — at the side • at the side	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm 10 mm 10 mm 10 mm 10 mm 6 mm	
- downwards - at the side 6 mm Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit screw-type terminals	mounting position fastening method • side-by-side mounting height width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — at the side • at the side — downwards	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm 10 mm 10 mm 10 mm 10 mm 6 mm	
- downwards - at the side 6 mm Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit screw-type terminals	mounting position fastening method • side-by-side mounting height width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — at the side - downwards — at the side — downwards — at the side — for wards — at the side — for live parts	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm 10 mm	
— at the side 6 mm Connections/ Terminals type of electrical connection • for main current circuit screw-type terminals • for auxiliary and control circuit screw-type terminals	mounting position fastening method • side-by-side mounting height width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — at the side • for grounded parts — forwards — upwards — at the side — downwards — at the side — downwards • for live parts — forwards	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm 10 mm	
type of electrical connection • for main current circuit • for auxiliary and control circuit screw-type terminals screw-type terminals	mounting position fastening method • side-by-side mounting height width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — upwards — upwards — upwards — of orwards — upwards — forwards — upwards — at the side — downwards — at the side — downwards • for live parts — forwards — upwards	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm 10 mm	
type of electrical connection • for main current circuit screw-type terminals • for auxiliary and control circuit screw-type terminals	mounting position fastening method • side-by-side mounting height width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — at the side — downwards — at the side — downwards • for live parts — forwards — upwards — downwards • for live parts — forwards — upwards — downwards • for live parts — forwards — upwards — downwards	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm 10 mm	
 for main current circuit for auxiliary and control circuit screw-type terminals screw-type terminals 	mounting position fastening method • side-by-side mounting height width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — at the side • for live parts — forwards — upwards — downwards • for live parts — downwards — downwards — upwards — at the side — downwards — at the side — downwards — at the side	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm 10 mm	
• for auxiliary and control circuit screw-type terminals	mounting position fastening method • side-by-side mounting height width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — at the side • for grounded parts — forwards — upwards — at the side — downwards • for live parts — forwards — upwards — downwards — at the side Connections/ Terminals	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm 10 mm	
	mounting position fastening method • side-by-side mounting height width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — at the side • for grounded parts — forwards — upwards — at the side — downwards • for live parts — forwards — upwards — upwards — at the side Connections/ Terminals type of electrical connection	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm 10 mm	
• at contactor for auxiliary contacts Screw-type terminals	mounting position fastening method • side-by-side mounting height width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — at the side • for live parts — forwards — upwards — at the side — downwards • at the side — downwards • for live parts — forwards — upwards — at the side Connections/ Terminals type of electrical connection • for main current circuit	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 6 mm 10 mm 10 mm 10 mm 10 mm	
	mounting position fastening method • side-by-side mounting height width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — at the side — downwards — at the side Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm screw-type terminals screw-type terminals	

of magnet coil	Screw-type terminals
type of connectable conductor cross-sections	
• for main contacts	
— solid or stranded	2x (1 35 mm²), 1x (1 50 mm²)
 finely stranded with core end processing 	2x (1 25 mm²), 1x (1 35 mm²)
at AWG cables for main contacts	2x (18 2), 1x (18 1)
connectable conductor cross-section for main contacts	
 solid or stranded 	1 50 mm²
finely stranded with core end processing	1 35 mm²
connectable conductor cross-section for auxiliary contacts	
 solid or stranded 	0.5 2.5 mm ²
 finely stranded with core end processing 	0.5 2.5 mm ²
finely stranded without core end processing	0.5 2.5 mm ²
type of connectable conductor cross-sections	
 for auxiliary contacts 	
— solid	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
— solid or stranded	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
 finely stranded with core end processing 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
at AWG cables for auxiliary contacts	2x (20 16), 2x (18 14)
AWG number as coded connectable conductor cross section	
• for main contacts	18 1
for auxiliary contacts	20 14
Safety related data	
product function	
 mirror contact according to IEC 60947-4-1 	Yes
 positively driven operation according to IEC 60947- 5-1 	No
T1 value for proof test interval or service life according to IEC 61508	20 y
protection class IP on the front according to IEC 60529	IP20
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front
Communication/ Protocol	
product function bus communication	No
Certificates/ approvals	

General Product Approval





Confirmation



<u>KC</u>



Functional **EMC Declaration of Conformity** Safety/Safety of **Test Certificates** Machinery



Type Examination Certificate



Type Test Certificates/Test Report

Special Test Certific-<u>ate</u>

Marine / Shipping













other Marine / Shipping Railway **Dangerous Good**



Confirmation Vibration and Shock Transport Informa-<u>tion</u>

Further information

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=3RT2336-1AH20

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2336-1AH20

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT2336-1AH20

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2336-1AH20&lang=en

Characteristic: Tripping characteristics, I2t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RT2336-1AH20/char

Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2336-1AH20&objecttype=14&gridview=view1

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