SIEMENS

Data sheet



contactor relay, 2 NO + 2 NC, 125 V DC, screw terminal, frame size S00, reusable packaging, pack = 144 units

General technical data	
size of contactor	S00
product extension auxiliary switch	Yes
power loss [W] for rated value of the current without load current share typical	4 W
insulation voltage with degree of pollution 3 at AC rated value	690 V
degree of pollution	3
surge voltage resistance rated value	6 kV
shock resistance at rectangular impulse	
• at DC	10g / 5 ms, 5g / 10 ms
shock resistance with sine pulse	
• at DC	15g / 5 ms, 8g / 10 ms
mechanical service life (operating cycles)	
of contactor typical	30 000 000
 of the contactor with added electronically optimized auxiliary switch block typical 	5 000 000
 of the contactor with added auxiliary switch block typical 	10 000 000
reference code according to IEC 81346-2	К
Substance Prohibitance (Date)	10/01/2009
Weight	0.29 kg
Ambient conditions	
installation altitude at height above sea level maximum	2 000 m
ambient temperature	
 during operation 	-25 +60 °C
during storage	-55 +80 °C
relative humidity minimum	10 %
relative humidity at 55 °C according to IEC 60068-2-30 maximum	95 %
Environmental footprint	
global warming potential [CO2 eq] total	133 kg
global warming potential [CO2 eq] during manufacturing	1.3 kg
global warming potential [CO2 eq] during operation	132 kg
global warming potential [CO2 eq] after end of life	-0.227 kg
Main circuit	
no-load switching frequency	
• at AC	10 000 1/h
• at DC	10 000 1/h
Control circuit/ Control	
type of voltage of the control supply voltage	DC
control supply voltage at DC rated value	125 V
operating range factor control supply voltage rated value of	

magnet coil at DC	
• initial value	0.8
• full-scale value	1.1
closing power of magnet coil at DC	4 W
holding power of magnet coil at DC	4 W
closing delay	
• at DC	30 100 ms
opening delay	
• at DC	7 13 ms
arcing time	10 15 ms
Auxiliary circuit	
number of NC contacts for auxiliary contacts	2
instantaneous contact	2
number of NO contacts for auxiliary contacts	2
instantaneous contact	2
identification number and letter for switching elements	22 E
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
at 500 V rated value	2 A
at 690 V rated value	1 A
operational current at 1 current path at DC-12	
at 24 V rated value	10 A
at 110 V rated value	3 A
at 220 V rated value	1 A
at 440 V rated value	0.3 A
at 600 V rated value	0.15 A
operational current with 2 current paths in series at DC-12	
at 24 V rated value	10 A
at 60 V rated value	10 A
at 110 V rated value	4 A
at 220 V rated value	2 A
at 440 V rated value	1.3 A
at 600 V rated value	0.65 A
operational current with 3 current paths in series at DC-12	
at 24 V rated value	10 A
• at 60 V rated value	10 A
at 110 V rated value	10 A
at 220 V rated value	3.6 A
at 440 V rated value	2.5 A
at 600 V rated value	1.8 A
operating frequency at DC-12 maximum	1 000 1/h
operational current at 1 current path at DC-13	
at 24 V rated value	10 A
at 110 V rated value	1A
at 220 V rated value	0.3 A
at 440 V rated value	0.14 A
at 600 V rated value	0.1 A
operational current with 2 current paths in series at DC-13	
at 24 V rated value	10 A
at 60 V rated value	3.5 A
at 110 V rated value	1.3 A
at 220 V rated value	0.9 A
at 440 V rated value	0.2 A
at 600 V rated value	0.1 A
operational current with 3 current paths in series at DC-13	
• at 24 V rated value	10 A
• at 60 V rated value	4.7 A
at 100 V rated value at 110 V rated value	3 A
at 110 V rated value at 220 V rated value	1.2 A
■ at ZZU v rateu vaiUE	1.4 A

* all 40 V rated value		
poperating frequency at DC-13 maximum contact reliability of auxiliary contacts 1 fauty switching per 100 million (17 V, 1 mA) A800 / C800 A800 / C800 A800 / C800 A800 / C800 Contact rating of auxiliary contacts according to UL Storic-incuts protection design of the ministure circuit breaker for short-circuit protection of the auxiliary unit plo 23 0 V design of the face link for short-circuit protection of the auxiliary and the reliability of the auxiliary circuit plo 25 0 V design of the face link for short-circuit protection of the auxiliary and the reliability of the auxiliary in the plot of the auxiliary and the reliability of the auxiliary in the plot of the auxiliary and the reliability of the auxiliary in the plot of the auxiliary and the plot of the auxiliary and the plot of the auxiliary and control circuit system of existent connection for auxiliary and control circuit system of connectable conductor cross-accitons - for auxiliary contacts	 at 440 V rated value 	0.5 A
Taulty switching per 100 million (17 V, 1 mA)		
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design of the ministure circuit breaker for short-circuit protection of the auxiliary of the the auxiliary circuit up to 230 / 4.5 (80 mb special possible on the state ink for short-circuit protection of the auxiliary which required in the protection of the auxiliary which required special mounting surface. Can be tilted forward and backward by 4.22 th on ventical mounting surface can be tilted forward and backward by 4.22 th on ventical mounting surface. Some series of the protection of the auxiliary which is series on the tilted forward and backward by 4.22 th on ventical mounting surface. Some series of the series of the protection of the auxiliary on the series of the protection of the auxiliary of the series of the protection of the auxiliary		A600 / Q600
for the surliary critical up to 230 V design of the fuse tim for short-circuit protection of the surliary switch required mounting dimensions mounting position	Short-circuit protection	
design of the fuse link for short-circuit protection of the auxiliary which required in statisticory mounting dimensions.		C characteristic: 10 A; 0.4 kA
switch required mounting position ##4-180* rotation possible on vertical mounting surface, can be tilled forward and backward by #4-2.25" on vertical mounting surface. ##4-180* rotation possible on vertical mounting surface. ##4-180* rotation p		fuse at /aG: 10 A
mounting position ##160* rotation possible on vertical mounting surface, can be tilled forward and backward by ##2.25* on vertical mounting surface. ##160* rotation possible on vertical mounting s		1000 gb/g0. 10 //
backward by 4-/- 22.5" on vertical mounting surface fastening method screw and snap-on mounting onto 35 mm DIN rail height 45 mm depth 75 mm required spacing • with side-by-side mounting — forwards — ownwards — ownwards — of mm — ownwards — of mm — ownwards — of mm — ownwards — of mm — ownwards — ownwards — of mm — ownwards — or for include parts — forwards — ownwards — of mm — ownwards — ownwards — of mm — ownwards — ownward	Installation/ mounting/ dimensions	
height width 45 mm depth 73 mm required spacing • with side-by-side mounting — forwards 10 mm — upwards 10 mm — downwards 10 mm — orwards 10 mm — orwa	mounting position	
width depth 73 mm required spacing • with side by-side mounting - forwards - upwards - downwards - at the side • for grounded parts - forwards - upwards - upwards - the side • for grounded parts - forwards - upwards - at the side - downwards - upwards - forwards - downwards - forwards - forwards - downwards - upwards - forwards - downwards - upwards - downwards - downwards - of live parts - for audilary contacts - at the side - form - downwards - in mm - downwards - of mm - downwards - of mm - for audilary contacts - alt he side - and the side - forma - objectical connection for auxiliary and control circuit - sype of connectable conductor cross-sections • for auxiliary contacts - solid or stranded - finely stranded with core end processing • for AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing • for AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing • for AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing • for AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing • with bigh demand rate according to IEC 66947-5-1 • suitable for safety function • positively driven operation according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate acco	fastening method	screw and snap-on mounting onto 35 mm DIN rail
depth required spacing • with side-by-side mounting — forwards — upwards — downwards — of mounted parts — forwards — the side • of grounded parts — owneds — upwards — upwards — of mounted parts — forwards — upwards — owneds — upwards — owneds — upwards — owneds • for live parts — forwards — upwards — upwards — upwards — upwards — owneds — owned owneds — owned	height	58 mm
required spacing with side-by-side mounting —forwards — upwards — of wards — of grounded parts — forwards — of grounded parts — forwards — upwards — of grounded parts — forwards — upwards — 10 mm — at the side — downwards — 10 mm — of live parts — forwards — for live parts — forwards — ownwards	width	45 mm
with side-by-side mounting	depth	73 mm
forwards upwards 10 mm 10 m	required spacing	
upwards downwards down	 with side-by-side mounting 	
- downwards - at the side	— forwards	10 mm
- at the side • for grounded parts - forwards - upwards - at the side - downwards • for live parts - forwards - upwards • for live parts - forwards - upwards - downwards - downwards - upwards - downwards - downwards - downwards - downwards - downwards - downwards - at the side - formactions / Terninals Type of electrical connection for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of onnectable conductor cross-sections • for auxiliary contacts - solid or stranded - finely stranded with core end processing • for AWG cables for auxiliary contacts Safety related data product function • positively driven operation according to IEC 60947-5-1 • suitablify for use safety-related switching OFF - service life maximum • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate ac	— upwards	10 mm
• for grounded parts — forwards — upwards — at the side — downwards • for live parts — forwards — upwards — to reverse the side — downwards • for live parts — forwards — upwards — upwards — upwards — upwards — to mm — downwards — at the side — downwards — to mm — at the side Connections/ Terminals Type of electrical connection for auxiliary and control circuit Type of connectable conductor cross-sections • for auxiliary contacts — solid or stranded — finely stranded with core end processing • for AWG cables for auxiliary contacts — solid or stranded — finely stranded with core end processing • for AWG cables for auxiliary contacts — solid or stranded — finely stranded with core end processing • for AWG cables for auxiliary contacts — solid or stranded — finely stranded with core end processing • for AWG cables for auxiliary contacts — solid or stranded — finely stranded with ore end processing • for auxiliary contacts — solid or stranded — finely stranded with core end processing • for AWG cables for auxiliary contacts — solid or stranded — finely stranded with ore end processing • for auxiliary contacts — solid or stranded — finely stranded with core end processing • for AWG cables for auxiliary contacts — yes safety-related data product function • positively driven operation according to IEC 60947-5-1 • suitablish for use safety-related switching OFF — Yes service life maximum — 20 a proportion of dangerous failures • with low demand rate according to SN 31920 ### With low demand rate according to SN 31920 ### Bio value with high demand rate according to SN 31920 ### Bio value with high demand rate according to SN 31920 ### Bio value with high demand rate according to SN 31920 ### Bio value with high demand rate according to SN 31920 ### Bio value with high demand rate according to SN 31920 ### Bio value with high demand rate according to SN 31920 ### Bio value with high demand rate according to SN 31920 ### Bio value with high demand rate according to SN 31920 ### Bio value with high	— downwards	10 mm
- forwards 10 mm - upwards 10 mm - upwards 10 mm - downwards 10 mm - for live parts - for wards 10 mm - forwards 10 mm - downwards 10 mm - downwards 10 mm - downwards 10 mm - downwards 10 mm - at the side 6 mm Connections/ Torminals Type of electrical connection for auxiliary and control circuit screw-type terminals Type of connectable conductor cross-sections - for auxiliary contacts - solid or stranded 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 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 (0.5 1.5 mm²), 2x (0.75 2.5 mm²) - for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) - for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) - for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) - for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) - for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) - for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) - for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) - for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) - for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) - for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) - for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) - for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) - for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) - for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² - for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² - for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² - for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² - for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² - for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² - for auxiliary contacts 2x (0.5 1	— at the side	0 mm
- upwards - at the side - downwards • for live parts - forwards - for live parts - forwards - upwards - downwards - downwards - downwards - downwards - downwards - at the side Connections/ Terminals type of electrical connection for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • for auxiliary contacts - solid or stranded - finely stranded with core end processing • for AWG cables for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² 2x (20 16), 2x (18 14), 2x 12 Safoty rolated data product function • positively driven operation according to IEC 60947-5-1 • suitabliet for safety function yes suitablity for use safety-related switching OFF yes service life maximum 20 a proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 100 FIT B10 value with high demand rate according to SN 31920 13920 B10 value with high demand rate according to SN 31920 awith low demand rate according to SN 3192	 for grounded parts 	
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- downwards - for live parts - forwards - upwards - upwards - downwards - at the side - domnoctions/ Terminals type of electrical connection for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections - for auxiliary contacts - solid or stranded - finely stranded with core end processing - for AWG cables for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² 2x (20 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 1.5 mm²), 2x (1.75 2.5 mm²) 2x (20 1.5 mm²), 2x (1.75 2.5 mm²) 2x (20 1.5 mm²), 2x (1.75 2.5 mm²) 2x (20 1.6), 2x (18 14), 2x 12 Safety related data product function - positively driven operation according to IEC 60947-5-1 - suitability for use safety-related switching OFF - yes service life maximum - proportion of dangerous failures - with low demand rate according to SN 31920 - with high demand rate according to SN 31920 - with high demand rate according to SN 31920 - with high demand rate according to SN 31920 - Tailure rate [FIT] with low demand rate according to SN 31920 - failure rate [FIT] with low demand rate according to SN 31920 - ISO 13849 - device type according to ISO 13849-1 - overdimensioning according to ISO 13849-2 necessary - IEC 61508 - safety device type according to IEC 61508-2 - Electrical Safety - protection class IP on the front according to IEC 60529 - IP20	— upwards	10 mm
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• for auxiliary contacts — solid or stranded — finely stranded with core end processing • for AWG cables for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) • for AWG cables for auxiliary contacts 2x (20 16), 2x (18 14), 2x 12 Safety related data product function • positively driven operation according to IEC 60947-5-1 • suitable for safety function • positively driven operation according to FF service life maximum 20 a proportion of dangerous failures • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 1000 000; With 0.3 x le failure rate [FIT] with low demand rate according to SN 31920 ISO 13849 device type according to ISO 13849-1 overdimensioning according to ISO 13849-2 necessary EC 61508 safety device type according to IEC 61508-2 Type A Electrical Safety protection class IP on the front according to IEC 60529 IP20	type of electrical connection for auxiliary and control circuit	screw-type terminals
- solid or stranded - finely stranded with core end processing • for AWG cables for auxiliary contacts Safety related data product function • positively driven operation according to IEC 60947-5-1 • suitable for safety function • positively driven operation according to IEC 60947-5-1 • suitable for safety function suitablility for use safety-related switching OFF yes service life maximum proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 a with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 ISO 13849 device type according to ISO 13849-1 overdimensioning according to IEC 61508-2 Electrical Safety protection class IP on the front according to IEC 60529 IP20	type of connectable conductor cross-sections	
- finely stranded with core end processing • for AWG cables for auxiliary contacts 2x (20 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 2x 12 Safety related data product function • positively driven operation according to IEC 60947-5-1 • suitable for safety function • positively driven operation according to IEC 60947-5-1 • suitablify for use safety-related switching OFF Yes suitability for use safety-related switching OFF Yes service life maximum 20 a proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 B10 value with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 ISO 13849 device type according to ISO 13849-1 overdimensioning according to ISO 13849-2 necessary IEC 61508 safety device type according to IEC 61508-2 Type A Electrical Safety protection class IP on the front according to IEC 60529 IP20	 for auxiliary contacts 	
for AWG cables for auxiliary contacts 2x (20 16), 2x (18 14), 2x 12 Safety related data product function positively driven operation according to IEC 60947-5-1 suitable for safety function ves suitability for use safety-related switching OFF yes service life maximum 20 a proportion of dangerous failures with low demand rate according to SN 31920 with high demand rate according to SN 31920 B10 value with high demand rate according to SN 31920 ISO 13849 device type according to ISO 13849-1 overdimensioning according to ISO 13849-2 necessary IEC 61508 safety device type according to IEC 61508-2 Type A Electrical Safety protection class IP on the front according to IEC 60529 IP20	 solid or stranded 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²
product function	 finely stranded with core end processing 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
product function • positively driven operation according to IEC 60947-5-1 • suitable for safety function suitability for use safety-related switching OFF service life maximum proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 B10 value with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 ISO 13849 device type according to ISO 13849-1 overdimensioning according to ISO 13849-2 necessary IEC 61508 safety device type according to IEC 61508-2 Electrical Safety protection class IP on the front according to IEC 60529 IYes Yes 100 FIT	 for AWG cables for auxiliary contacts 	2x (20 16), 2x (18 14), 2x 12
positively driven operation according to IEC 60947-5-1 suitable for safety function yes suitability for use safety-related switching OFF service life maximum 20 a proportion of dangerous failures with low demand rate according to SN 31920 with high demand rate according to SN 31920 B10 value with high demand rate according to SN 31920 ISO 13849 device type according to ISO 13849-1 overdimensioning according to ISO 13849-2 necessary IEC 61508 safety device type according to IEC 61508-2 Electrical Safety protection class IP on the front according to IEC 60529 Yes Yes 100 FIT 3 overdimensioning according to ISO 13849-2 necessary Type A Electrical Safety Protection class IP on the front according to IEC 60529 IP20	Safety related data	
suitable for safety function suitability for use safety-related switching OFF service life maximum 20 a proportion of dangerous failures with low demand rate according to SN 31920 with high demand rate according to SN 31920 with high demand rate according to SN 31920 B10 value with high demand rate according to SN 31920 1000 000; With 0.3 x le failure rate [FIT] with low demand rate according to SN 31920 ISO 13849 device type according to ISO 13849-1 overdimensioning according to ISO 13849-2 necessary IEC 61508 safety device type according to IEC 61508-2 Electrical Safety protection class IP on the front according to IEC 60529 IP20	product function	
suitability for use safety-related switching OFF service life maximum proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 B10 value with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 ISO 13849 device type according to ISO 13849-1 overdimensioning according to ISO 13849-2 necessary IEC 61508 safety device type according to IEC 61508-2 Electrical Safety protection class IP on the front according to IEC 60529 IP20	 positively driven operation according to IEC 60947-5-1 	Yes
proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 B10 value with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 ISO 13849 device type according to ISO 13849-1 overdimensioning according to ISO 13849-2 necessary IEC 61508 safety device type according to IEC 61508-2 Electrical Safety protection class IP on the front according to IEC 60529 IP20	suitable for safety function	Yes
proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 B10 value with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 ISO 13849 device type according to ISO 13849-1 overdimensioning according to ISO 13849-2 necessary IEC 61508 safety device type according to IEC 61508-2 Electrical Safety protection class IP on the front according to IEC 60529 IVA W 40 % 40 00 000; With 0.3 x le 1000 FIT 30 overdimensioning according to ISO 13849-1 3 overdimensioning according to ISO 13849-2 necessary Yes IEC 61508	suitability for use safety-related switching OFF	Yes
 with low demand rate according to SN 31920 with high demand rate according to SN 31920 B10 value with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 ISO 13849 device type according to ISO 13849-1 overdimensioning according to ISO 13849-2 necessary IEC 61508 safety device type according to IEC 61508-2 Electrical Safety protection class IP on the front according to IEC 60529 IP20 	service life maximum	20 a
● with high demand rate according to SN 31920 B10 value with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 ISO 13849 device type according to ISO 13849-1 overdimensioning according to ISO 13849-2 necessary IEC 61508 safety device type according to IEC 61508-2 Electrical Safety protection class IP on the front according to IEC 60529 Type A Figure 73 % 1000 000; With 0.3 x le 100 FIT 100 FIT Type A	proportion of dangerous failures	
B10 value with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 ISO 13849 device type according to ISO 13849-1 overdimensioning according to ISO 13849-2 necessary IEC 61508 safety device type according to IEC 61508-2 Electrical Safety protection class IP on the front according to IEC 60529 1 000 000; With 0.3 x le 1 000 000; With 0.3 x le 1 000 000; With 0.3 x le 1 000 FIT 3 Type A Figure 1 Type A Figure 1 Type A Figure 2 Type A Figure 2 Type A Figure 2 Type A Figure 3 Type A Figure 4 Type A Figure 3 Type A Figure 4 Type A Figure 3 Type A Figure 3 Type A Figure 4 Type A Figure 3 Type A Figure 4 Type A Figure 3 Type A Figure 3 Type A Figure 3 Type A Figure 4 Type A Figure 3 Type A Figure 4 Type	 with low demand rate according to SN 31920 	40 %
failure rate [FIT] with low demand rate according to SN 31920 ISO 13849 device type according to ISO 13849-1 3 overdimensioning according to ISO 13849-2 necessary Yes IEC 61508 safety device type according to IEC 61508-2 Type A Electrical Safety protection class IP on the front according to IEC 60529 IP20	with high demand rate according to SN 31920	73 %
31920 ISO 13849 device type according to ISO 13849-1 overdimensioning according to ISO 13849-2 necessary IEC 61508 safety device type according to IEC 61508-2 Electrical Safety protection class IP on the front according to IEC 60529 IP20	B10 value with high demand rate according to SN 31920	1 000 000; With 0.3 x le
device type according to ISO 13849-1 overdimensioning according to ISO 13849-2 necessary IEC 61508 safety device type according to IEC 61508-2 Electrical Safety protection class IP on the front according to IEC 60529 IP20		100 FIT
overdimensioning according to ISO 13849-2 necessary IEC 61508 safety device type according to IEC 61508-2 Electrical Safety protection class IP on the front according to IEC 60529 IP20	ISO 13849	
IEC 61508 safety device type according to IEC 61508-2 Electrical Safety protection class IP on the front according to IEC 60529 IP20	device type according to ISO 13849-1	3
safety device type according to IEC 61508-2 Electrical Safety protection class IP on the front according to IEC 60529 IP20	overdimensioning according to ISO 13849-2 necessary	Yes
Electrical Safety protection class IP on the front according to IEC 60529 IP20	IEC 61508	
protection class IP on the front according to IEC 60529 IP20	safety device type according to IEC 61508-2	Type A
	Electrical Safety	
touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front	<u> </u>	
	touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front

General Product Approval







Confirmation





EMV

Functional Saftey

Test Certificates

Marine / Shipping



Type Examination Certificate

Type Test Certificates/Test Report

Special Test Certificate





Marine / Shipping











Confirmation

other

other

Railway

Dangerous goods

Environment

Miscellaneous

Special Test Certificate

Transport Information



Environmental Confirmations

Further information

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RH2122-1BG40-Z X95

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH2122-1BG40-Z X95

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

https://support.industry.siemens.com/cs/ww/en/ps/3RH2122-1BG40-Z X95

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

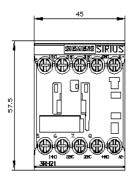
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH2122-1BG40-Z X95&lang=en

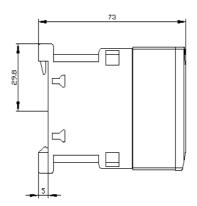
Characteristic: Tripping characteristics, I2t, Let-through current

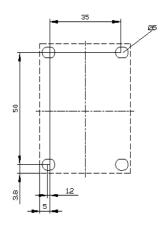
https://support.industry.siemens.com/cs/ww/en/ps/3RH2122-1BG40-Z X95/char

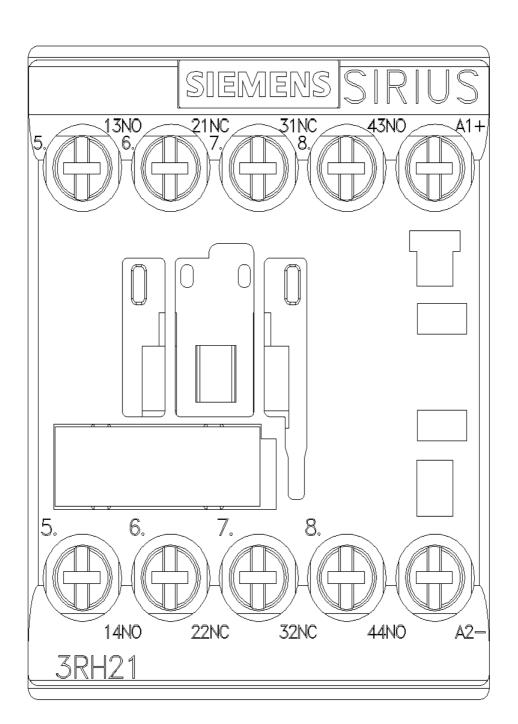
Further characteristics (e.g. electrical endurance, switching frequency)

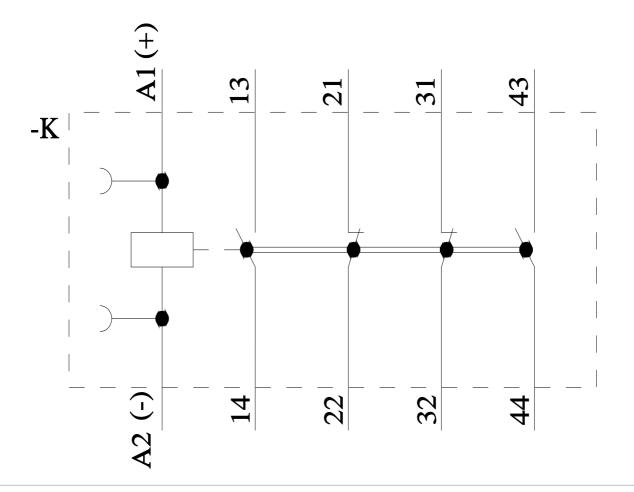
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RH2122-1BG40-Z X95&objecttype=14&gridview=view1











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