SIEMENS

Data sheet 3RH2140-2FB40



Contactor relay, 4 NO, 24 V DC, with integrated diode, Size S00, Spring-type terminal

Auxiliary contactor
3RH2
S00
Yes
4 W
690 V
3
6 kV
10g / 5 ms, 5g / 10 ms
15g / 5 ms, 8g / 10 ms
30 000 000
5 000 000
10 000 000
К
10/01/2009
2 000 m
-25 +60 °C
-55 +80 °C
10 %
95 %
10 000 1/h
10 000 1/h
DC
24 V
0.8

• full-scale value	1.1
design of the surge suppressor	diode
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	38 65 ms
arcing time	10 15 ms
Auxiliary circuit	
number of NO contacts for auxiliary contacts	4
• instantaneous contact	4
identification number and letter for switching elements	40 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 440 V rated value at 600 V rated value	0.65 A
operational current with 3 current paths in series at DC-12	0.00 A
at 24 V rated value	10 A
at 24 V rated value at 60 V rated value	10 A
at 110 V rated value at 220 V rated value	10 A
at 220 V rated value at 440 V rated value	3.6 A
at 440 V rated value at 600 V rated value	2.5 A
at 600 V rated value analysis fraguency at DC 42 maximum	1.8 A
operating frequency at DC-12 maximum	1 000 1/h
operational current at 1 current path at DC-13	40.0
• at 24 V rated value	10 A
at 110 V rated value	1.4
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 110 V rated value	3 A
at 220 V rated value	1.2 A
at 440 V rated value	0.5 A
at 600 V rated value	0.26 A
operating frequency at DC-13 maximum	1 000 1/h

contact rating of auxiliary centacts according to UL hors-circuit protection hors-circuit protection design of the fase link for short-circuit protection of the auxiliary which required substitution/mounting/dimensions muunting position 4-/180* rotation possible on vertical mounting surface; can be stilled forward and backward by 4/-22.5° on vertical mounting surface; can be stilled forward and backward by 4/-22.5° on vertical mounting surface; can be stilled forward and backward by 4/-22.5° on vertical mounting surface; can be stilled forward and backward by 4/-22.5° on vertical mounting surface; can be stilled forward and backward by 4/-22.5° on vertical mounting surface; can be stilled forward and backward by 4/-22.5° on vertical mounting surface; can be stilled forward and backward by 4/-22.5° on vertical mounting surface; can be stilled forward and backward by 4/-22.5° on vertical mounting surface; can be stilled forward and backward by 4/-22.5° on vertical mounting surface; can be stilled forward and backward by 4/-22.5° on vertical mounting surface; can be stilled forward and backward by 4/-22.5° on vertical mounting surface; can be stilled forward and backward by 4/-22.5° on vertical mounting surface; can be stilled forward and backward by 4/-22.5° on vertical mounting surface; can be stilled forward and backward by 4/-22.5° on vertical mounting surface; can be stilled forward and backward by 4/-22.5° on vertical mounting surface; can be stilled forward and surface; can be	LOSA ratings contact rating of auxiliary contacts according to UL A600 / G600 hort-circuit protection design of the fuse link for short-circuit protection of the auxiliary switch required stabilization mounting/dimensions ***/180** rotation possible on vertical mounting surface, can be titled forward an 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 titled forward and sur	design of the miniature circuit breaker for short-circuit protection of the auxiliary circuit up to 230 V	C characteristic: 6 A; 0.4 kA
contact rating of auxiliary centacts according to UL hors-circuit protection hors-circuit protection design of the fase link for short-circuit protection of the auxiliary which required substitution/mounting/dimensions muunting position 4-/180* rotation possible on vertical mounting surface; can be stilled forward and backward by 4/-22.5° on vertical mounting surface; can be stilled forward and backward by 4/-22.5° on vertical mounting surface; can be stilled forward and backward by 4/-22.5° on vertical mounting surface; can be stilled forward and backward by 4/-22.5° on vertical mounting surface; can be stilled forward and backward by 4/-22.5° on vertical mounting surface; can be stilled forward and backward by 4/-22.5° on vertical mounting surface; can be stilled forward and backward by 4/-22.5° on vertical mounting surface; can be stilled forward and backward by 4/-22.5° on vertical mounting surface; can be stilled forward and backward by 4/-22.5° on vertical mounting surface; can be stilled forward and backward by 4/-22.5° on vertical mounting surface; can be stilled forward and backward by 4/-22.5° on vertical mounting surface; can be stilled forward and backward by 4/-22.5° on vertical mounting surface; can be stilled forward and backward by 4/-22.5° on vertical mounting surface; can be stilled forward and backward by 4/-22.5° on vertical mounting surface; can be stilled forward and backward by 4/-22.5° on vertical mounting surface; can be stilled forward and surface; can be	contact rating of auxiliary contacts according to UL host-circuit protection design of the buse in kir or short-circuit protection of the auxiliary switch required satisfation/mounting/dimensions mounting position fastening method	contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)
design of the fuse link for short-circuit protection of the auxiliary switch required switch mounting differences as a switch required switch switc	hort-circuit protection design of the fase link for short-circuit protection of the auxiliary design of the fase link for short-circuit protection of the auxiliary which required systic required spacing fastening method height 70 mm width doptn 77 mm required spacing with side-by-side mounting — forwards — upwards — downwards — downwards — of many and an appoint of many and an appoint of many and an appoint of many and appoint of many appoint	JL/CSA ratings	
design of the fuse link for short-circuit protection of the auxiliary switch required stillation/mounting/dimension. ***mounting position** **restalization/mounting/dimension.** **mounting position** **fastening method** **height** **witch** **depth** **witch** **depth** **equired spacing** **with side-by-side mounting** **with side-by-side mounting** **equired spacing** **equire	design of the base link for short-circuit protection of the auxiliary switch required statilisation/mounting/idimensions mounting position ##-180" rotation possible on vertical mounting surface; can be titled forward an backward by 4/- 22.5" on vertical mounting surface; can be titled forward an backward by 4/- 22.5" on vertical mounting surface; can be titled forward an backward by 4/- 22.5" on vertical mounting surface; can be titled forward an backward by 4/- 22.5" on vertical mounting surface; can be titled forward an backward by 4/- 22.5" on vertical mounting surface; can be titled forward an backward by 4/- 22.5" on vertical mounting surface; can be titled forward an backward by 4/- 22.5" on vertical mounting surface; can be titled forward an backward by 4/- 22.5" on vertical mounting surface; can be titled forward an backward by 4/- 22.5" on vertical mounting surface; can be titled forward an backward by 4/- 22.5" on vertical mounting surface; can be titled forward an backward by 4/- 22.5" on vertical mounting surface; can be titled forward an backward by 4/- 22.5" on vertical mounting surface; can be titled forward an backward by 4/- 22.5" on vertical mounting surface; can be titled forward an backward by 4/- 22.5" on vertical mounting surface; can be titled forward an backward by 4/- 22.5" on vertical mounting surface; can be titled forward and backward by 4/- 22.5" on vertical mounting surface; can be titled forward and backward by 4/- 22.5" on vertical mounting surface; can be titled forward and backward by 4/- 22.5" on vertical mounting surface; can be titled forward and backward by 4/- 22.5" on vertical mounting surface; can be titled forward and an an an analysis of the surface and mounting surface; can be titled forward and an analysis of the surface and	contact rating of auxiliary contacts according to UL	A600 / Q600
switch required mounting position ##180* rotation possible on vertical mounting surface; can be titled florward and backward by 14- 22.5* on vertical mounting surface; can be titled florward and backward by 14- 22.5* on vertical mounting surface; can be titled florward and backward by 14- 22.5* on vertical mounting surface; can be titled florward and backward by 14- 22.5* on vertical mounting surface; can be titled florward and backward by 14- 22.5* on vertical mounting surface; can be titled florward and backward by 14- 22.5* on vertical mounting surface; can be titled florward and backward by 14- 22.5* on vertical mounting surface; can be titled florward and backward by 14- 22.5* on vertical mounting surface; can be titled florward and backward by 14- 22.5* on vertical mounting surface; can be titled florward and surface; can be titled florwa	switch required stallation fromunting/dimensions mounting position #-f180* rotation possible on vertical mounting surface; can be titled forward an backward by 9+ 22.5* on vertical mounting surface; can be titled forward an backward by 9+ 22.5* on vertical mounting surface; can be titled forward an backward by 9+ 22.5* on vertical mounting surface; can be titled forward an backward by 9+ 22.5* on vertical mounting surface; can be titled forward an backward by 9+ 22.5* on vertical mounting surface; can be titled forward an backward by 9+ 22.5* on vertical mounting surface; can be titled forward an backward by 9+ 22.5* on vertical mounting surface; can be titled forward an backward by 9+ 22.5* on vertical mounting surface; can be titled forward an backward by 9+ 22.5* on vertical mounting surface; can be titled forward an backward by 9+ 22.5* on vertical mounting surface; can be titled forward an backward by 9+ 22.5* on vertical mounting surface; can be titled forward an backward by 9+ 22.5* on vertical mounting surface; can be titled forward an backward by 9+ 22.5* on vertical mounting surface; can be titled forward an backward by 9+ 22.5* on vertical mounting surface; can be titled forward an backward by 9+ 22.5* on vertical mounting surface; can be titled forward an	Short-circuit protection	
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backward by +/- 22.5° on vertical mounting surface fastening method height 70 mm width 45 mm depth 73 mm required spacing • with side-by-side mounting - forwards 10 mm - upwards 10 mm - downwards 10 mm - forwards 10 mm - the side 6 mm - forwards 10 mm - side for grounded parts - forwards 10 mm - upwards 10 mm - the side 6 mm - upwards 10 mm - the side 6 mm - downwards 10 mm - at the side 6 mm - downwards 10 mm - at the side 6 mm - downwards 10 mm - at the side 6 mm - downwards 10 mm - at the side 6 mm - downwards 10 mm - forwards 10 mm - to five parts - forwards 10 mm - to five parts - forwards 10 mm - to for live parts - forwards 10 mm - to for live parts - forwards 10 mm - to for live parts - forwards 10 mm - to five parts - forwards 10 mm - side for a suitilary and control circuit sype of connectable conductor cross-sections - for auxiliary contacts - solid or stranded 2x (0.5 2.5 mm²) - finely stranded with out core end processing 2x (0.5 2.5 mm²) - finely stranded with out core end processing 2x (0.5 2.5 mm²) - finely stranded without core end processing 2x (0.5 2.5 mm²) - finely stranded without core end processing 2x (0.5 2.5 mm²) - finely stranded without core end processing 2x (0.5 2.5 mm²) - finely stranded without core end processing 2x (0.5 2.5 mm²) - finely stranded without core end processing 2x (0.5 2.5 mm²) - finely stranded without core end processing 2x (0.5 2.5 mm²) - finely stranded without core end processing 2x (0.5 2.5 mm²) - finely stranded without core end processing 2x (0.5 2.5 mm²) - finely stranded without core end processing 2x (0.5 2.5 mm²) - finely stranded without core end processing 2x (0.5 2.5 mm²) - finely stranded without core end processing 2x (0.5 2.5 mm²) - finely stranded without core end processing 2x (0.5 2.5 mm²) - finely stranded without core end processing 3x (0.5 2.5 mm²) - finely stranded without core end processing 3x (0.5 2.5 mm²) - finely stranded without core end processing 3x (0.5 2.5 mm	backward by +/- 22.5° on vertical mounting surface fratering method height vidth dopth 70 mm vidth 45 mm dopth 9 mm required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • of regrounded parts — forwards — 10 mm - upwards — of mm - upwards — of mm - upwards — of mm - upwards — of mm - upwards — of mm - upwards — of mm - upwards — of mm - upwards — of mm - upwards — of mm - upwards — of mm - upwards — of mm - upwards — of mm - upwards — of mm - upwards — of mm - upwards — of mm - otherwards — otherwar	nstallation/ mounting/ dimensions	
height 70 mm width 45 mm detyth 73 mm required spacing **** * with side-by-side mounting 10 mm - forwards 10 mm - upwards 10 mm - downwards 0 mm - at the side 0 mm - forwards 10 mm - upwards 10 mm - at the side 6 mm - downwards 10 mm * for live parts 10 mm - forwards 10 mm - forwards 10 mm - forwards 10 mm - words 10 mm - forwards 10 mm - forwards 10 mm - words 20 mm - forwards 10 mm - forwards 10 mm - forwards 10 mm - forwards 10 mm - forwards 20 mm - for wards 20 mm - for forwards 20 mm - for forwards 20 mm	helght width 45 mm depth 73 mm required spacing • with side-by-side mounting — forwards — upwards — downwards — of for grounded parts — for grounded parts — forwards — upwards — upwards — the side — of mm — of the side — upwards — upwards — upwards — to mm — of the side — upwards — upwards — upwards — upwards — upwards — upwards — of mm —	mounting position	+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface
width 45 mm depth 73 mm required spacing 73 mm with side-by-side mounting 10 mm - forwards 10 mm - downwards 10 mm - at the side 0 mm • for grounded parts 10 mm - upwards 10 mm - upwards 10 mm - downwards 10 mm - downwards 10 mm - for live parts 10 mm - for live parts 10 mm - downwards 10 mm - for promise type of electrical connection for auxiliary and control circuit spring-loaded terminals type of electrical connection for auxiliary contacts 2x (0.5 4 mm²) - for auxiliary contacts 2x (0.5 2.5 mm²)	width depth 73 mm required spacing • with side-by-side mounting — forwards 10 mm — downwards 10 mm — at the side 0 mm • for grounded parts — forwards 10 mm — at the side 0 mm • for grounded parts — forwards 10 mm — at the side 0 mm • for prounded parts — forwards 10 mm — upwards 10 mm • at the side 0 fmm — upwards 10 mm • for live parts — forwards 10 mm — the side 0 fmm — upwards 10 mm • for live parts — forwards 10 mm — solid or stranded 0 fmm — at the side 0 fmm • for auxiliary contacts — at the side 0 fmm • for auxiliary contacts — at the side 0 fmm • for auxiliary contacts — for finely stranded without core end processing 2x (0.5 2.5 mm²) — finely stranded without core end processing 2x (0.5 2.5 mm²) • for AWG cables for auxiliary contacts 2x (20 12) afor y related data product function positively driven operation according to IEC 60529 173 % fallure rate [FIT] with low demand rate according to SN 31920 100 FIT 11 value for proof test interval or service life according to IEC 60529 protection class IP on the front according to IEC 60529 or trificates/ approvals	fastening method	screw and snap-on mounting onto 35 mm DIN rail
vilth side-by-side mounting	required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side — of grounded parts — forwards — upwards — of mm — at the side — downwards — of mm — of wards — of mm — of wards — upwards — of mm — of many of m	height	70 mm
e vith side-by-side mounting • vith side-by-side mounting - forwards - upwards - downwards - downwards - of mounting • for grounded parts - forwards - upwards - upwards - upwards - upwards - upwards - at the side - at the side - for grounded parts - forwards - upwards - upwards - of mounting - upwards - of mounting - forwards - forwards - forwards - forwards - forwards - upwards -	evith side-by-side mounting • with side-by-side mounting — forwards — upwards — at the side — one wards — upwards — to make the side — one wards — upwards — to make the side — downwards — upwards — upwards — upwards — the side — downwards — the side — downwards — to make the side — downwards — upwards — to make the side — downwards — upwards — to make the side — downwards — upwards — to make the side — downwards — the side — downwards — the side — of make the side — at the side — one connections/ Terminals type of electrical connection for auxiliary and control circuit yep of connectable conductor cross-sections — for auxiliary contacts — solid or stranded — finely stranded with core end processing — finely stranded without core end processing — for AWG cables for auxiliary contacts — 2x (0.5 2.5 mm²) — for AWG cables for auxiliary contacts — the stranded with ord to a stranded — finely stranded without core end processing — the stranded without core end processing — the stranded without core end processing — the stranded without core and processing — the stranded without	width	45 mm
with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — forwards — forwards — forwards — forwards — upwards — forwards — upwards — upwards — upwards — at the side — downwards — at the side — downwards — forwards — forwards — at the side — downwards — forwards — forwards — forwards — upwards — forwards — upwards — forwards — upwards — upwards — forwards — upwards — upwards — forwards — upwards — downwards — downwards — downwards — downwards — downwards — at the side — downwards — downwards — at the side — formale — forwards — formale — at the side — formale — downwards — formale — forwards — formale — at the side — formale — downwards — formale — at the side — formale — at the side — formale — formale — at the side — formale — at the side — formale — formale — at the side — formale — at the side — formale — formale — at the side — formale — formale — formale — formale — formale — formale — formale — formale — formale — formale — formale — formale — formale — formale — formale — formale — formale — formale — formale — formale — formale — formale — formale — for	with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — forwards — forwards — forwards — forwards — upwards — upwards — upwards — upwards — downwards — at the side — downwards — downwards — forive parts — forwards — forwards — forwards — upwards — ownwards — upwards — upwards — will now in the side — at the side — onnections/Torminals Uppe of electrical connection for auxiliary and control circuit Uppe of electrical connection for auxiliary and control circuit Uppe of electrical connectable conductor cross-sections — solid or stranded — finely stranded without core end processing — solid or stranded — finely stranded without core end processing — finely stranded without core end processing — for AWG cables for auxiliary contacts — solid or stranded — finely stranded without core end processing — for AWG cables for auxiliary contacts — solid or dead reaccording to SN 31920 — with low demand rate according to SN 31920 — with low demand rate according to SN 31920 — with low demand rate according to SN 31920 — with low demand rate according to SN 31920 — with low demand rate according to SN 31920 — with low demand rate according to IEC 60529 IP20 In outprict for proof test interval or service life according to IEC 60529 IP20 In outprict for the front according to IEC 60529 IP20 In outprict for the front according to IEC 60529 IP20 In outprict for the front according to IEC 60529 IP20 In outprict for the front	depth	73 mm
forwards 10 mm upwards 10 mm downwards 10 mm at the side 0 mm forwards 10 mm forwards 10 mm forwards 10 mm forwards 10 mm at the side 6 mm downwards 10 mm at the side 6 mm downwards 10 mm at the side 10 mm at the side 10 mm forwards 10 mm downwards 10 mm downwards 10 mm downwards 10 mm downwards 10 mm forwards	forwards 10 mm upwards 10 mm downwards 10 mm at the side 0 mm forwards 10 mm forwards 10 mm forwards 10 mm forwards 10 mm at the side 6 mm downwards 10 mm at the side 6 mm downwards 10 mm forwards 10 mm upwards 10 mm upwards 10 mm downwards 10 mm downwards 10 mm downwards 10 mm downwards 10 mm forwards 10 mm downwards 10 mm forwards 10 mm	required spacing	
- upwards	- upwards - downwards - at the side • for grounded parts - forwards - at the side • for grounded parts - forwards - upwards - at the side - downwards - at the side - downwards - at the side - downwards - for live parts - forwards - upwards - for live parts - forwards - upwards - 10 mm - forwards - upwards - 10 mm - forwards - upwards - 10 mm - downwards - upwards - 10 mm - downwards - at the side - formands - the side - formands - at the side - formands - the side - formands - at the side - formands - the side - fo	 with side-by-side mounting 	
- downwards - at the side 0 mm • for grounded parts - forwards 10 mm - upwards 10 mm - at the side 6 mm - downwards 10 mm • for life parts - forwards 10 mm • for life parts - forwards 10 mm • for life parts - forwards 10 mm - upwards 10 mm - upwards 10 mm - upwards 10 mm - downwards 10 mm - downwards 10 mm - downwards 10 mm - at the side 6 mm - or life parts - forwards 10 mm - or life parts - forwards 10 mm - at the side 6 mm - or life parts - forwards 10 mm - at the side 6 mm - or life parts - forwards 10 mm - for life parts - forwards 10 mm - for life parts - forwards 10 mm - formactions/ Terminals - solid or stranded 2x (0.5 4 mm²) - finely stranded with core end processing 2x (0.5 2.5 mm²) - for AWG cables for auxiliary contacts 2x (20 12) - for AWG cables for auxiliary contacts 2x (20 12) - for life parts - forwards 10 mm² - for life parts - forwards 10 mm² - for life parts - forwards 10 mm	- downwards - at the side 0 mm • for grounded parts - (nowards 10 mm - (n	— forwards	10 mm
• for grounded parts - forwards - forwards - upwards - at the side - downwards - forwards - forwards - downwards - for live parts - forwards - upwards - upwards - downwards - downwards - downwards - downwards - downwards - downwards - formatice the side - for auxiliary contacts - solid or stranded - finely stranded with core end processing - for auxiliary contacts - finely stranded with core end processing - for AWG cables for auxiliary contacts afety related data product function positively driven operation according to IEC 60947-5-1 B10 value with high demand rate according to SN 31920 - with low demand rate according to SN 31920 - with low demand rate according to SN 31920 - with low demand rate according to SN 31920 - with low demand rate according to SN 31920 - with low demand rate according to SN 31920 - with low demand rate according to SN 31920 - 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 - 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 according to SN 31920 - with high demand rate acco	• for grounded parts - forwards - forwards - upwards - at the side - downwards • for live parts - forwards - upwards - upwards - downwards - downwards - at the side - downwards - at the side - forwards - at the side - forwards - at the side - formactions/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 - finely stranded without core end processing - for AWG cables for auxiliary contacts 2x (20.5 2.5 mm²) - for AWG cables for auxiliary contacts 2x (20 12) aforty related data product function positively driven operation according to IEC 60947-5-1 Blo value with high demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • with ligh demand rate according to SN 31920 • with high demand rate according to SN 31920 1 000 FIT Ti value for proof test interval or service life according to IEC 60529 protection class IP on the front according to IEC 60529 protection according to IEC 60529	— upwards	10 mm
• for grounded parts — forwards — upwards — at the side — downwards — for live parts — forwards — 10 mm • for live parts — forwards — 10 mm • for live parts — forwards — upwards — 10 mm — downwards — 10 mm — downwards — downwards — 10 mm — downwards — at the side — downwards — at the side — for muxiliary and control circuit type of electrical connection for auxiliary and control circuit **spring-loaded terminals** **type of electrical connection for auxiliary and control circuit **onicutions/** Terminals** **type of connectable conductor cross-sections • for auxiliary contacts — solid or stranded — finely stranded with core end processing — finely stranded with core end processing — finely stranded without core end processing • for AWG cables for auxiliary contacts **of Yes **of AWG cables for auxiliary contacts **product function positively driven operation according to IEC B10 value with high demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 100 FIT T1 value for proof test interval or service life according to IEC 60529 protection class IP on the front according to IEC 60529 finger-safe, for vertical contact from the front **Torwards** **Torwar	for grounded parts — forwards — upwards — at the side — downwards • for live parts — forwards — upwards • for live parts — forwards — upwards — upwards — forwards — upwards — upwards — upwards — downwards — downwards — at the side — at the side — at the side — formal side — ormal side — at the side — formal side — at the side — at the side — formal side — for auxiliary contacts - for auxiliary contacts - for auxiliary contacts — solid or stranded — finely stranded with core end processing — finely stranded with core end processing — for AWC cables for auxiliary contacts - for five parts - for five parts - for five parts - with low demand rate according to SN 31920 - with low demand rate according to SN 31920 - with low demand rate according to SN 31920 - with low demand rate according to SN 31920 - with low demand rate according to SN 31920 - with low demand rate according to SN 31920 - with low demand rate according to SN 31920 - with low demand rate according to SN 31920 - with low demand rate according to SN 31920 - with low demand rate according to SN 31920 - with low demand rate according to SN 31920 - with low demand rate according to SN 31920 - with low demand rate according to SN 31920 - with low demand rate according to IEC 60529 - with low demand rate according to IEC 60529 - with low demand rate according to IEC 60529 - with low demand rate according to IEC 60529 - with low demand rate according to IEC 60529 - with low demand rate according to IEC 60529 - with low demand rate according to IEC 60529 - with low demand rate according to IEC	— downwards	10 mm
- forwards 10 mm 10 mm - upwards 10 mm - upwards 10 mm - at the side 6 mm 10 mm - downwards 10 mm - for live parts - forwards 10 mm - upwards 10 mm - at the side 6 mm - downwards 10 mm - at the side 6 mm - downwards 10 mm - at the side 5 mm - downwards 10 mm - at the side 5 mm - downwards 10 mm - at the side 5 mm - downwards 10 mm - at the side 5 mm - downwards 10 mm - downwards 10 mm - at the side 5 mm - downwards 10 mm - downwar	- forwards	— at the side	0 mm
- upwards - at the side - downwards • for live parts - forwards - upwards - downwards - downwards - at the side - dom - at the side - formal - at the side - formal - at the side - the side - formal - at the side - the	- upwards - at the side - downwards • for live parts - forwards - upwards - downwards - upwards - upwards - downwards - downwards - at the side - downwards - at the side - downwards - at the side - domnwards - at the side - domnwards - at the side - formal stype of electrical connection for auxiliary and control circuit type of electrical connection for auxiliary and control circuit spring-loaded terminals type of connectable conductor cross-sections • for auxiliary contacts - solid or stranded - finely stranded with core end processing - finely stranded without core end processing - finely stranded without core end processing - for AWG cables for auxiliary contacts 2x (0.5 2.5 mm²) • for AWG cables for auxiliary contacts 2x (20 12) afoly related data product function positively driven operation according to IEC 60947-5-1 B10 value 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 100 FIT T1 value for proof test interval or service life according to IEC 60529 protection class IP on the front according to IEC 60529 finger-safe, for vertical contact from the front ectrificates/approvals	for grounded parts	
- at the side	- at the side - downwards 10 mm • for live parts - forwards 10 mm - upwards 10 mm - downwards 50 mm - at the side 50 mm • onnections/ Terminals type of electrical connection for auxiliary and control circuit 50 years of connectable conductor cross-sections • for auxiliary contacts - solid or stranded 50 mm - finely stranded without core end processing 50 years (25 mm²) - finely stranded without core end processing 50 years (25 mm²) • for AWG cables for auxiliary contacts 50 years (25 mm²) • for AWG cables for auxiliary contacts 50 years (25 mm²) • for AWG cables for auxiliary contacts 60 years (25 mm²) • for AWG cables for auxiliary contacts 70 years (25 mm²) • for AWG cables for auxili	— forwards	10 mm
- at the side	- at the side	— upwards	10 mm
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	`		ingo, sale, for vertical contact from the front

General Product Approval





Confirmation



<u>KC</u>



|--|



Type Examination Certificate





Special Test Certificate

Type Test Certificates/Test Report

Marine / Shipping













Marine / Shipping

othe



Vibration and Shock

Railway

Transport Information

Dangerous Good

Further information

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

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

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

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

Information on the packaging

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

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RH2140-2FB40

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH2140-2FB40

 ${\bf Service \& Support \ (Manuals, \ Certificates, \ Characteristics, \ FAQs, ...)}$

https://support.industry.siemens.com/cs/ww/en/ps/3RH2140-2FB40

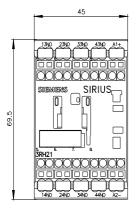
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

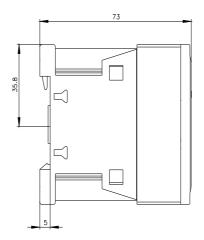
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH2140-2FB40&lang=en

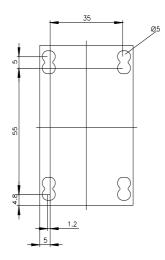
Characteristic: Tripping characteristics, I²t, Let-through current

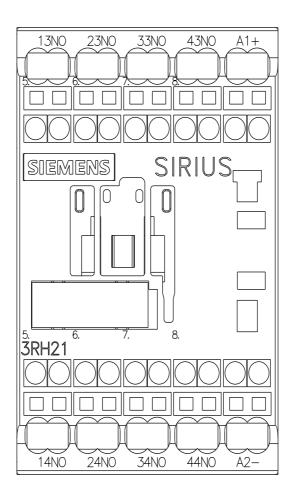
 $\underline{\text{https://support.industry.siemens.com/cs/ww/en/ps/3RH2140-2FB40/char}}$

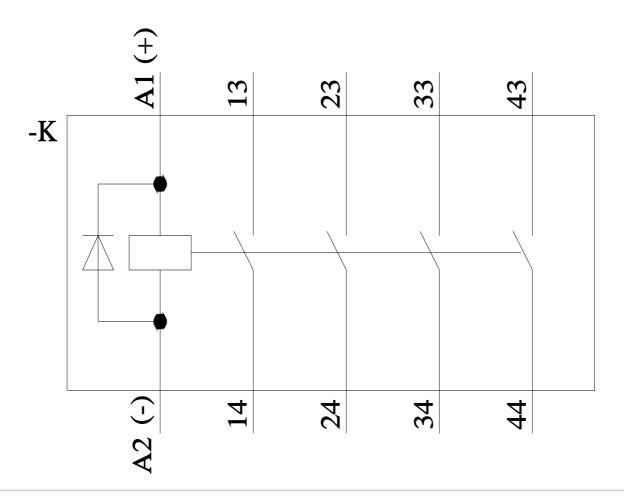
Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RH2140-2FB40&objecttype=14&gridview=view1











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