SIEMENS

Data sheet 3RH2140-1AF00



Contactor relay, 4 NO, 110 V AC, 50 / 60 Hz, Size S00, screw terminal

product brand name	SIRIUS
product designation	Auxiliary contactor
product type designation	3RH2
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	1.43 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 AC	7,3g / 5 ms, 4,7g / 10 ms
shock resistance with sine pulse	
• at AC	11,4g / 5 ms, 7,3g / 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
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	
Environmental Product Declaration(EPD)	Yes
Global Warming Potential [CO2 eq] total	49.2 kg
Global Warming Potential [CO2 eq] during manufacturing	1.15 kg
Global Warming Potential [CO2 eq] during operation	48.2 kg
Global Warming Potential [CO2 eq] after end of life	-0.139 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	AC
control supply voltage at AC	
• at 50 Hz rated value	110 V
at 60 Hz rated value	110 V
control supply voltage frequency	
1 rated value	50 Hz
2 rated value	60 Hz
operating range factor control supply voltage rated 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	37 VA
inductive power factor with closing power of the coil	0.8
apparent holding power of magnet coil at AC	5.7 VA
inductive power factor with the holding power of the coil	0.25
closing delay	
• at AC	8 33 ms
opening delay	
• at AC	4 15 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 at 500 V rated value	2 A
at 690 V rated value	1A
operational current at 1 current path at DC-12	10
at 24 V rated value	10 A
at 110 V rated value	3 A
at 220 V rated value	1A
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	40.4
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	1 A
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

contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions A600 / Q600 fuse gL/gG: 10 A		
a st 500 v rated value 0.1 A		
operational current with 3 current paths in series at DC-13 at 24 V roted value		
at 24 V rated value at 10 10 V rated value at 220 V rated value at 220 V rated value at 220 V rated value at 240 V rated value at 260 V rated value at 260 V rated value be at 440 V rated value at 260 V rated value at 260 V rated value be at 460 V rated value at 260 V rated value at 260 V rated value be at 360 V rated value at 260 V rated value be at 360 V rated value at 260 V rated value be at 360 V rated value at 260 V rated value be at 360 V rated value contact rate value processor contact rating of auxiliary contacts USSA ratings Contact rating of auxiliary contacts USSA ratings Contact rating of auxiliary contacts USSA ratings Contact rating of auxiliary contacts USSA ratings Contact rating of auxiliary contacts USSA ratings Institution (mounting dimensions Treating per 100 million (17 V, 1 mA) USSA ratings Institution (mounting dimensions Treating per 100 million (17 V, 1 mA) USSA ratings Institution (mounting dimensions Treating per 100 million (17 V, 1 mA) USSA ratings Institution (mounting dimensions Treating per 100 million (17 V, 1 mA) USSA ratings Institution (mounting dimensions Treating per 100 million (17 V, 1 mA) USSA ratings Institution (mounting dimensions Treating per 100 million (17 V, 1 mA) USSA ratings Institution (mounting dimensions Treating per 100 million (17 V, 1 mA) USSA ratings Institution (mounting dimensions Treating per 100 million (17 V, 1 mA) USSA ratings Institution (mounting dimensions Treating per 100 million (17 V, 1 mA) Use gUSS (10 A Screw and snap on mounting one 35 mm DIN rail Institution (mounting dimensions Treating per 100 million (17 V, 1 mA) Use gUSS (10 A Screw and snap on mounting one 35 mm DIN rail Institution (mounting d	at 600 V rated value	0.1 A
* at 110 V rated value	operational current with 3 current paths in series at DC-13	
• at 110 V rated value at 220 V rated value at 220 V rated value 0.5 A 0.26 A 0.2	at 24 V rated value	10 A
a 12 20 V rated value a 14 44 V v rated value a 16 00 V rated value 0 26 A 0 5 A 0 1000 V rated value 0 20 V rated value 0 V rated	at 60 V rated value	4.7 A
a d4 40 V rated value	• at 110 V rated value	3 A
at 600 V rated value operating frequency at DC-13 maximum osesyn of the mainture circuit breaker for short-circuit protection of the auxiliary contacts and sufficiently of auxiliary contacts ULICSA ratings Contact railability of auxiliary contacts utility switching per 100 million (17.V, 1 mA) ULICSA ratings contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link for short-circuit protection of the auxiliary switching per 100 million (17.V, 1 mA)	• at 220 V rated value	1.2 A
Septembry 1000 style 1000	• at 440 V rated value	0.5 A
cesign of the ministure circuit breaker for short-circuit protection of the auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) 1 faulty switching per 100 million (17 V, 1 mA) 1 faulty switching per 100 million (17 V, 1 mA) 1 faulty switching per 100 million (17 V, 1 mA) 1 faulty switching per 100 million (17 V, 1 mA) 1 faulty switching per 100 million (17 V, 1 mA) 1 faulty switching per 100 million (17 V, 1 mA) 1 faulty switching per 100 million (17 V, 1 mA) 1 faulty switching per 100 million (17 V, 1 mA) 2 faulty switching per 100 million (17 V, 1 mA) 2 faulty switching per 100 million (17 V, 1 mA) 2 faulty switching per 100 million (17 V, 1 mA) 2 faulty switching per 100 million (17 V, 1 mA) 3 faulty switching per 100 million (17 V, 1 mA) 4 faulty switching per 100 million (17 V, 1 mA) 4 faulty switching per 100 million (17 V, 1 mA) 4 faulty switching per 100 million (17 V, 1 mA) 4 faulty switching per 100 million (17 V, 1 mA) 4 faulty switching per 100 million (17 V, 1 mA) 4 faulty switching per 100 million (17 V, 1 mA) 4 faulty switching per 100 million (17 V, 1 mA) 4 faulty switching per 100 million (17 V, 1 mA) 4 faulty switching per 100 million (17 V, 1 mA) 4 faulty switching per 100 million (17 V, 1 mA) 4 faulty switching per 100 million (17 V, 1 mA) 4 faulty switching per 100 million (17 V, 1 mA) 4 faulty switching per 100 million (17 V, 1 mA) 4 faulty switching per 100 million (17 V, 1 mA) 5 faulty switching per 100 million (17 V, 1 mA) 5 faulty switching per 100 million (17 V, 1 mA) 5 faulty switching per 100 million (17 V, 1 mA) 5 faulty switching per 100 million (17 V, 1 mA) 5 faulty switching per 100 million (17 V, 1 mA) 5 faulty switching per 100 million (18 V, 1 mA) 5 faulty switching per 100 million (18 V, 1 mA) 5 faulty switching per 100 million (18 V, 1 mA) 5 faulty switching per 100 million (18 V, 1 mA) 5 faulty switching per 100 million (18 V, 1 mA) 5 faulty switching per 100 million (18 V, 1 mA) 5 faulty switching per 100 million (18	at 600 V rated value	0.26 A
of the auxiliary circuit up to 230 V contact railing of auxiliary contacts ULICSA ratings contact railing of auxiliary contacts according to UL A600 / 0500 Short-circuit protection design of the fuse link for short-circuit protection of the auxiliary witch required installation mounting dimensions mounting position	operating frequency at DC-13 maximum	1 000 1/h
LUCSA statings contact rating of auxillary contacts according to UL A600 / C800 Short-circuit protection design of the fuse link for short-circuit protection of the auxiliary witch required fuse gL/gC: 10 A witch required ************************************		C characteristic: 6 A; 0.4 kA
Short-circuit protection design of the fixe link for short-circuit protection of the auxiliary switch required installation mounting dimensions mounting position	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 which required installation/ mounting dimensions Installation/ mounting dimensions mounting position	UL/CSA ratings	
design of the fuse link for short-circuit protection of the auxiliary within required installation mounting) dimensions	contact rating of auxiliary contacts according to UL	A600 / Q600
switch required mounting / dimensions mounting position fastening method fastening method height forwards forma forwards for live parts for love parts for auxiliary contacts for auxiliary contacts for auxiliary contacts for auxiliary contacts for love parts for auxiliary contacts for auxiliary contacts for auxiliary contacts for particulary contacts for auxiliary co	Short-circuit protection	
### ### ##############################		fuse gL/gG: 10 A
fastening method screw and snap-on mounting onto 35 mm DIN rail height width depth 45 mm depth 73 mm required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side — forgrounded parts — forwards — the side — downwards — to mm • for live parts — forwards — to mm • for live parts — lowards — downwards — to mm • for low parts — sole of a stranded — at the side — at the side — at the side — at the side — th	Installation/ mounting/ dimensions	
Meight	mounting position	+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface
width depth 73 mm required spacing with side-by-side mounting — forwards 10 mm — downwards 10 mm — at the side 0 mm forwards 10 mm — upwards 10 mm — upwards 10 mm — upwards 10 mm — at the side 0 mm — oforwards 10 mm — at the side 0 mm — upwards 10 mm — at the side 0 mm — at the side 0 mm — at the side 0 mm — oforwards 10 mm — at the side 0 mm — oforwards 10 mm — other side 0 mm — other side 0 mm — at the side 0 mm — at the side 0 mm — other side 0 mm Connections/Terminals Uppe of connectable conductor cross-sections of or auxiliary and control circuit of serew-type terminals - 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), 2x 4 mm² of or AVIG cables for auxiliary contacts 2x (20 16), 2x (18 14), 2x 12 Safety related data product function operation according to IEC 60947-5-1 operation size of auxiliary contacts 2x (20 16), 2x (18 14), 2x 12 Safety related data product function operation according to IEC 60947-5-1 operation of dangerous failures own with high demand rate according to SN 31920 operation of size	fastening method	screw and snap-on mounting onto 35 mm DIN rail
required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side — for grounded parts — forwards — 10 mm • for grounded parts — forwards — upwards — 10 mm • for grounded parts — forwards — upwards — 10 mm — at the side — downwards — 10 mm — at the side — downwards — 10 mm • for live parts — forwards — upwards — forwards — upwards — to mm — at the side — downwards — to mm — upwards — to mm — upwards — to mm — upwards — downwards — downwards — downwards — downwards — to finely sparts — forwards — downwards — downwards — downwards — for maxiliary contacts — solid or stranded — finely stranded with core end processing • for auxiliary contacts — for faw Gables for auxiliary contacts • product function • positively driven operation according to IEC 60947-51 • sultability for use safety-related switching OFF • positively driven operation according to IEC 60947-51 • sultability for use safety-related switching OFF • ves • service life maximum proportion of dangerous fallures • with low demand rate according to SN 31920 • with high dema	height	57.5 mm
required spacing with side-by-side mounting - forwards - upwards - downwards - at the side of orgrounded parts - forwards - upwards - torwards - torwards - torwards - torwards - torwards - upwards - torwards - upwards - at the side of mm - downwards - torwards - to mm - downwards - to mm - 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 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) - product function - positively driven operation according to IEC 60947-5-1 - suitablity 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 - 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 hi	width	45 mm
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forwards	required spacing	
- upwards	with side-by-side mounting	
- downwards - at the side • for grounded parts - forwards - upwards - upwards - at the side - downwards - to live parts - forwards - for live parts - forwards - upwards - forwards - to mm - downwards - to mm - upwards - downwards - downwards - downwards - downwards - at the side - downwards - at the side - downwards - at the side - formatds - at the side - formatds - at the side - downwards - at the side - formatds - for auxiliary and control circuit - solid or stranded - finely stranded with core end processing - for MNG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - for MNG cables for auxiliary contacts - solid before a few formatds - for the format formation of the solid before the solid b	— forwards	10 mm
- at the side • for grounded parts - forwards - upwards - upwards - at the side - downwards • for live parts - forwards - upwards • for live parts - forwards - upwards - forwards - upwards - forwards - upwards - downwards - downwards - downwards - downwards - at the side - formactions/ Terminals Type of connections / Terminals Type of connection for auxiliary and control circuit type of connections of 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 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 - suitablity 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 - with high demand rate according to SN 31920 - with high demand rate according to SN 31920 - failure rate [FIT] with low demand rate according to SN 31920 - failure rate [FIT] with low demand rate according to SN 31920 - failure rate [FIT] with low demand rate according to SN 31920 - failure rate [FIT] with low demand rate according to SN 31920 - failure rate [FIT] with low demand rate according to SN 31920 - failure rate [FIT] with low demand rate according to SN 31920	— upwards	10 mm
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- forwards	— at the side	0 mm
- forwards	for grounded parts	
- upwards - at the side - downwards 10 mm for live parts - for wards 10 mm own at the side - downwards 10 mm - upwards 10 mm - upwards 10 mm - downwards - at the side 6 mm Connections/ Terminals type of celectrical connection for auxiliary and control circuit type of connectable conductor cross-sections of or auxiliary contacts - solid or stranded - finely stranded with core end processing of rAWG 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) 2x (20 16), 2x (18 14), 2x 12 Safety related data product function opositively driven operation according to IEC 60947-5-1 suitability for use safety-related switching OFF yes suitability for use safety-related switching OFF yes service life maximum proportion of dangerous failures with low demand rate according to SN 31920 with ligh demand rate according to SN 31920 author is a first with ligh demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920	-	10 mm
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- upwards 10 mm 10	•	10 mm
- downwards - at the side 6 mm Connections/ Terminals type of electrical connection for auxiliary and control circuit screw-type terminals 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 - finely stranded with core end processing • 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 Yes • suitable for safety function • positively driven operation according to IEC 60947-5-1 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 100 000; With 0.3 x le failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920		
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product function • positively driven operation according to IEC 60947-5-1 • suitable for safety function 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 1000 000; With 0.3 x le failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920		
product function • positively driven operation according to IEC 60947-5-1 • suitable for safety function 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 failure rate [FIT] with low demand rate according to SN 31920 1000 FIT		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 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 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 1000 FIT 100 FIT		
suitable for safety function 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 failure rate [FIT] with low demand rate according to SN 31920 1000 FIT	•	
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 B10 value with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 1000 000; With 0.3 x le 100 FIT		Yes
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 B10 value with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 100 FIT	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 1 000 000; With 0.3 x le failure rate [FIT] with low demand rate according to SN 31920 100 FIT	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 1000 000; With 0.3 x le 100 FIT 	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 100 000; With 0.3 x le 100 FIT 	proportion of dangerous failures	
B10 value with high demand rate according to SN 31920 1 000 000; With 0.3 x le failure rate [FIT] with low demand rate according to SN 31920 1 000 000; With 0.3 x le 1 000 FIT	 with low demand rate according to SN 31920 	40 %
failure rate [FIT] with low demand rate according to SN 100 FIT 31920	 with high demand rate according to SN 31920 	73 %
31920	B10 value with high demand rate according to SN 31920	1 000 000; With 0.3 x le
ISO 13849		100 FIT
	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
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front
Approvals Certificates	

General Product Approval







Confirmation





General Product Approval

EMV

Functional Saftey

Test Certificates

<u>KC</u>





Type Examination Certificate

Special Test Certificate

Type Test Certificates/Test Report

Marine / Shipping













Marine / Shipping

other

Railway

Environment



Miscellaneous

Confirmation

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



Environmental Confirmations

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=3RH2140-1AF00

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH2140-1AF00

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

https://support.industry.siemens.com/cs/ww/en/ps/3RH2140-1AF00

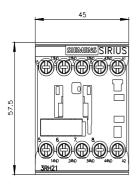
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

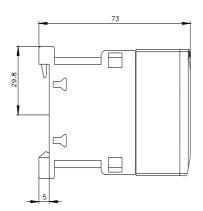
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH2140-1AF00&lang=en

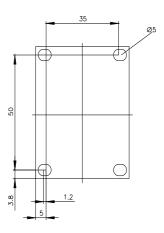
Characteristic: Tripping characteristics, I2t, Let-through current

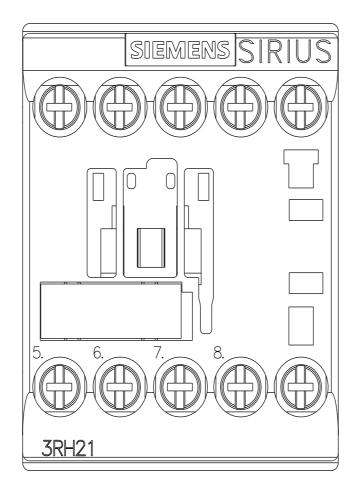
https://support.industry.siemens.com/cs/ww/en/ps/3RH2140-1AF00/char

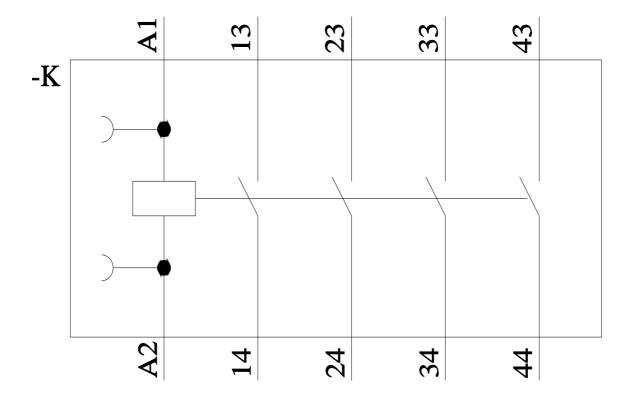
Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RH2140-1AF00&objecttype=14&gridview=view1











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