## **SIEMENS**

Data sheet 3RT2017-1QB41



power contactor, AC-3e/AC-3, 12 A, 5.5 kW / 400 V, 3-pole, 24 V DC, 0.7-1.25\* Us, with varistor plugged on, auxiliary contacts: 1 NO, screw terminal, size: S00, not expandable with auxiliary switch

product designation product type designation 3RT2  General technical data size of contactor  product extension • function module for communication • auxiliary switch  No  power loss [W] for rated value of the current • at AC in hot operating state • at AC in hot operating state per pole • without load current share typical  type of calculation of power loss depending on pole  insulation voltage • of main circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of auxiliary circuit rated val		
Size of contactor   Size		
size of contactor  product extension  • function module for communication • function module for communication • function module for communication • auxiliary switch  No  power loss [W] for rated value of the current  • at AC in hot operating state per pole • at AC in hot operating state per pole • without load current share typical  type of calculation of power loss depending on pole  insulation voltage • of main circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of main circuit rated value • of auxiliary circuit rated value		
product extension  • function module for communication • auxiliary switch  No  power loss [VI] for rated value of the current • at AC in hot operating state  • at AC in hot operating state per pole • without load current share typical • without load current share typical  type of calculation of power loss depending on pole insulation voltage • of main circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of auxiliary circuit rated value • of xouxiliary circuit with degree of pollution 3 rated value • of xouxiliary circuit with degree of pollution 3 rated value • of xouxiliary circuit with degree of pollution 3 rated value • of xouxiliary circuit with degree of pollution 3 rated value • of xouxiliary circuit with degree of pollution 3 rated value • of xouxiliary circuit with degree of pollution 3 rated value • of xouxiliary circuit with degree of pollution 3 rated value • of xouxiliary circuit with degree of pollution 3 rated value • of xouxiliary circuit with degree of pollution 3 ra		
• function module for communication     • auxiliary switch     No  power loss [W] for rated value of the current     • at AC in hot operating state     • at AC in hot operating state per pole     • without load current share typical     • of main circuit with degree of pollution 3 rated value     • of main circuit with degree of pollution 3 rated value     • of auxiliary circuit with degree of pollution 3 rated value     • of main circuit rated value     • of main circuit rated value     • of main circuit rated value     • of auxiliary circuit with degree of pollution 3 rated value     • of auxiliary circuit with degree of pollution 3 rated value     • of auxiliary circuit with degree of pollution 3 rated value     • of auxiliary circuit with degree of pollution 3 rated value     • of auxiliary circuit with degree of pollution 3 rated value     • of		
<ul> <li>auxiliary switch</li> <li>power loss [W] for rated value of the current</li> <li>at AC in hot operating state</li> <li>at AC in hot operating state per pole</li> <li>at AC in hot operating state per pole</li> <li>without load current share typical</li> <li>2.8 W</li> <li>type of calculation of power loss depending on pole</li> <li>insulation voltage</li> <li>of main circuit with degree of pollution 3 rated value</li> <li>of auxiliary circuit with degree of pollution 3 rated value</li> <li>of main circuit rated value</li> <li>of main circuit rated value</li> <li>of auxiliary circuit rated value</li> <li>of auxiliary circuit rated value</li> <li>of auxiliary circuit rated value</li> <li>of wold main contacts according to EN 60947-1</li> <li>shock resistance at rectangular impulse</li> <li>at DC</li> <li>shock resistance with sine pulse</li> <li>at DC</li> <li>11,4g/5 ms, 7,3g/10 ms</li> <li>mechanical service life (operating cycles)</li> <li>of contactor typical</li> <li>30 000 000</li> </ul>		
power loss [W] for rated value of the current  • at AC in hot operating state 1.5 W  • at AC in hot operating state per pole 0.5 W  • without load current share typical 2.8 W  type of calculation of power loss depending on pole quadratic  insulation voltage  • of main circuit with degree of pollution 3 rated value 690 V  • of auxiliary circuit with degree of pollution 3 rated value 690 V  surge voltage resistance  • of main circuit rated value 6 kV  • of auxiliary circuit rated value 6 kV  maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1  shock resistance at rectangular impulse  • at DC 7.3g / 5 ms, 4.7g / 10 ms  shock resistance with sine pulse  • at DC 11,4g / 5 ms, 7,3g / 10 ms  mechanical service life (operating cycles)  • of contactor typical 30 000 000		
<ul> <li>at AC in hot operating state</li> <li>at AC in hot operating state per pole</li> <li>without load current share typical</li> <li>2.8 W</li> <li>type of calculation of power loss depending on pole</li> <li>insulation voltage</li> <li>of main circuit with degree of pollution 3 rated value</li> <li>of auxiliary circuit with degree of pollution 3 rated value</li> <li>of main circuit rated value</li> <li>of main circuit rated value</li> <li>of auxiliary circuit rated value</li> <li>of auxiliary circuit rated value</li> <li>of work maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1</li> <li>shock resistance at rectangular impulse</li> <li>at DC</li> <li>7.3g / 5 ms, 4.7g / 10 ms</li> <li>shock resistance with sine pulse</li> <li>at DC</li> <li>11,4g / 5 ms, 7,3g / 10 ms</li> <li>mechanical service life (operating cycles)</li> <li>of contactor typical</li> <li>30 000 000</li> </ul>		
* at AC in hot operating state per pole     * without load current share typical      * without load current share typical      * type of calculation of power loss depending on pole      insulation voltage     * of main circuit with degree of pollution 3 rated value     * of auxiliary circuit with degree of pollution 3 rated value     * of main circuit rated value     * of main circuit rated value     * of main circuit rated value     * of auxiliary circuit rated value     * of auxiliary circuit rated value     * of auxiliary circuit rated value     * of work in a contacts according to EN 60947-1  shock resistance at rectangular impulse     * at DC     * 7.3g / 5 ms, 4.7g / 10 ms  shock resistance with sine pulse     * at DC     * 11,4g / 5 ms, 7,3g / 10 ms  mechanical service life (operating cycles)     * of contactor typical     * 30 000 000		
without load current share typical  type of calculation of power loss depending on pole  insulation voltage  of main circuit with degree of pollution 3 rated value of auxiliary circuit with degree of pollution 3 rated value  fogo V  surge voltage resistance of main circuit rated value of auxiliary circuit rated value  of auxiliary circuit rated value  of auxiliary circuit rated value  for kV  maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1  shock resistance at rectangular impulse of at DC  7.3g / 5 ms, 4.7g / 10 ms  shock resistance with sine pulse of contactor typical  30 000 000		
type of calculation of power loss depending on pole insulation voltage  of main circuit with degree of pollution 3 rated value of auxiliary circuit with degree of pollution 3 rated value of auxiliary circuit with degree of pollution 3 rated value  for main circuit rated value of main circuit rated value of auxiliary circuit rated value  for work  maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1  shock resistance at rectangular impulse of at DC  7.3g / 5 ms, 4.7g / 10 ms  shock resistance with sine pulse of the Company of the Compan		
insulation voltage  • of main circuit with degree of pollution 3 rated value  • of auxiliary circuit with degree of pollution 3 rated value  • of main circuit rated value  • of main circuit rated value  • of auxiliary circuit rated value  • of auxiliary circuit rated value  6 kV  maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1  shock resistance at rectangular impulse  • at DC  7.3g / 5 ms, 4.7g / 10 ms  shock resistance with sine pulse  • at DC  11,4g / 5 ms, 7,3g / 10 ms  mechanical service life (operating cycles)  • of contactor typical  30 000 000		
of main circuit with degree of pollution 3 rated value     of auxiliary circuit with degree of pollution 3 rated value      surge voltage resistance     of main circuit rated value     of auxiliary circuit rated value      maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1      shock resistance at rectangular impulse     oat DC     7.3g / 5 ms, 4.7g / 10 ms      shock resistance with sine pulse     oat DC     11,4g / 5 ms, 7,3g / 10 ms  mechanical service life (operating cycles)     of contactor typical     30 000 000		
of auxiliary circuit with degree of pollution 3 rated value      surge voltage resistance     of main circuit rated value     of auxiliary circuit rated value     of auxiliary circuit rated value     maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1      shock resistance at rectangular impulse     oat DC     7.3g / 5 ms, 4.7g / 10 ms      shock resistance with sine pulse     oat DC     11,4g / 5 ms, 7,3g / 10 ms      mechanical service life (operating cycles)     of contactor typical     30 000 000		
surge voltage resistance  of main circuit rated value  for auxiliary circuit rated val		
of main circuit rated value     of auxiliary circuit rated value     of auxiliary circuit rated value     of auxiliary circuit rated value     de kV  maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1  shock resistance at rectangular impulse     oat DC     7.3g / 5 ms, 4.7g / 10 ms  shock resistance with sine pulse     at DC     11,4g / 5 ms, 7,3g / 10 ms  mechanical service life (operating cycles)     of contactor typical     30 000 000		
of auxiliary circuit rated value     of auxiliary circuit rated value     maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1      shock resistance at rectangular impulse		
maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1  shock resistance at rectangular impulse  • at DC  shock resistance with sine pulse  • at DC  11,4g / 5 ms, 7,3g / 10 ms  mechanical service life (operating cycles)  • of contactor typical  400 V  7.3g / 5 ms, 4.7g / 10 ms		
shock resistance at rectangular impulse  • at DC  shock resistance with sine pulse  • at DC  at DC  11,4g / 5 ms, 7,3g / 10 ms  mechanical service life (operating cycles)  • of contactor typical  30 000 000		
at DC      7.3g / 5 ms, 4.7g / 10 ms  shock resistance with sine pulse      at DC      11,4g / 5 ms, 7,3g / 10 ms  mechanical service life (operating cycles)      of contactor typical      30 000 000		
shock resistance with sine pulse  • at DC  11,4g / 5 ms, 7,3g / 10 ms  mechanical service life (operating cycles)  • of contactor typical  30 000 000		
• at DC  11,4g / 5 ms, 7,3g / 10 ms  mechanical service life (operating cycles)  • of contactor typical  30 000 000		
mechanical service life (operating cycles)  • of contactor typical  30 000 000		
• of contactor typical 30 000 000		
71		
reference code according to IEC 94246.2		
reference code according to IEC 81346-2 Q		
Substance Prohibitance (Date)		
SVHC substance name Lead - 7439-92-1		
Weight 0.31 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 95 % maximum		
Environmental footprint		
Environmental Product Declaration(EPD)  Yes		

Global Warming Potential [CO2 eq] total	153 kg
Global Warming Potential [CO2 eq] during manufacturing	1.42 kg
Global Warming Potential [CO2 eq] during operation	152 kg
Global Warming Potential [CO2 eq] after end of life	-0.305 kg
Main circuit	
number of poles for main current circuit	3
number of NO contacts for main contacts	3
operating voltage	
at AC-3 rated value maximum	690 V
at AC-3e rated value maximum	690 V
operational current	00.4
<ul> <li>at AC-1 at 400 V at ambient temperature 40 °C rated value</li> </ul>	22 A
• at AC-1	
— up to 690 V at ambient temperature 40 °C rated value	22 A
— up to 690 V at ambient temperature 60 $^{\circ}\text{C}$ rated value	20 A
• at AC-3	
— at 400 V rated value	12 A
— at 500 V rated value	9.2 A
— at 690 V rated value	6.7 A
• at AC-3e	
— at 400 V rated value	12 A
— at 500 V rated value	9.2 A
— at 690 V rated value	6.7 A
at AC-4 at 400 V rated value	8.5 A
at AC-5a up to 690 V rated value     at AC-5b up to 400 V rated value	19.4 A
<ul> <li>at AC-5b up to 400 V rated value</li> <li>at AC-6a</li> </ul>	9.9 A
■ at AC-ba  — up to 230 V for current peak value n=20 rated value	7.2 A
— up to 400 V for current peak value n=20 rated value	7.2 A
— up to 500 V for current peak value n=20 rated value	7.2 A
— up to 690 V for current peak value n=20 rated value	6.7 A
• at AC-6a	<b></b>
— up to 230 V for current peak value n=30 rated value	4.8 A
— up to 400 V for current peak value n=30 rated value	4.8 A
— up to 500 V for current peak value n=30 rated value	4.8 A
— up to 690 V for current peak value n=30 rated value	4.8 A
minimum cross-section in main circuit at maximum AC-1 rated value	4 mm²
operational current for approx. 200000 operating cycles at AC-4	
• at 400 V rated value	4.1 A
at 690 V rated value	3.3 A
operational current	
at 1 current path at DC-1	
— at 24 V rated value	20 A
— at 60 V rated value	20 A
— at 110 V rated value	2.1 A
— at 220 V rated value	0.8 A
— at 440 V rated value	0.6 A
— at 600 V rated value	0.6 A
with 2 current paths in series at DC-1     at 24 V reted value.	20 A
— at 24 V rated value	20 A 20 A
— at 60 V rated value — at 110 V rated value	20 A 12 A
— at 220 V rated value	1.6 A
— at 440 V rated value	0.8 A
— at 440 V rated value  — at 600 V rated value	0.7 A
at 555 v rated value	V
<ul> <li>with 3 current paths in series at DC-1</li> </ul>	

1001/	00.4
— at 60 V rated value	20 A
— at 110 V rated value	20 A
— at 220 V rated value	20 A
— at 440 V rated value	1.3 A
— at 600 V rated value	1 A
<ul> <li>at 1 current path at DC-3 at DC-5</li> </ul>	
— at 24 V rated value	20 A
— at 60 V rated value	0.5 A
— at 110 V rated value	0.15 A
<ul> <li>with 2 current paths in series at DC-3 at DC-5</li> </ul>	
— at 24 V rated value	20 A
— at 60 V rated value	5 A
— at 110 V rated value	0.35 A
<ul> <li>with 3 current paths in series at DC-3 at DC-5</li> </ul>	
— at 24 V rated value	20 A
— at 60 V rated value	20 A
— at 110 V rated value	20 A
— at 220 V rated value	1.5 A
— at 440 V rated value	0.2 A
— at 600 V rated value	0.2 A
operating power	
• at AC-3	
— at 230 V rated value	3 kW
— at 400 V rated value	5.5 kW
— at 500 V rated value	5.5 kW
— at 690 V rated value	5.5 kW
• at AC-3e	3.5 RVV
— at 230 V rated value	3 kW
— at 400 V rated value	5.5 kW
— at 500 V rated value	5.5 kW
— at 690 V rated value	5.5 kW
operating power for approx. 200000 operating cycles at AC-	
• at 400 V rated value	2 kW
• at 690 V rated value	2.5 kW
operating apparent power at AC-6a	
up to 230 V for current peak value n=20 rated value	2.8 kVA
up to 400 V for current peak value n=20 rated value	4.9 kVA
up to 500 V for current peak value n=20 rated value	6.2 kVA
<ul> <li>up to 690 V for current peak value n=20 rated value</li> </ul>	8 kVA
	O RWY
operating apparent power at AC-6a	1.9 kVA
up to 230 V for current peak value n=30 rated value	
up to 400 V for current peak value n=30 rated value	3.3 kVA
up to 500 V for current peak value n=30 rated value	4.1 kVA
up to 690 V for current peak value n=30 rated value      hour time with stand assurant in sold an arcting at the up to	5.7 kVA
short-time withstand current in cold operating state up to 40 °C	
limited to 1 s switching at zero current maximum	200 A; Use minimum cross-section acc. to AC-1 rated value
limited to 1 s switching at zero current maximum	123 A; Use minimum cross-section acc. to AC-1 rated value
limited to 3 s switching at zero current maximum	96 A; Use minimum cross-section acc. to AC-1 rated value
limited to 30 s switching at zero current maximum	74 A; Use minimum cross-section acc. to AC-1 rated value
Ilmited to 50's switching at zero current maximum     Imited to 60's switching at zero current maximum	61 A; Use minimum cross-section acc. to AC-1 rated value
no-load switching frequency	o i 71, osc minimum cross-section acc. to Ac-1 rated value
at DC	10 000 1/h
	10 000 1/11
operating frequency	4.000.4/b
• at AC-1 maximum	1 000 1/h
• at AC-2 maximum	750 1/h
• at AC-3 maximum	750 1/h
• at AC-3e maximum	750 1/h
at AC-4 maximum	250 1/h
Control circuit/ Control	

type of voltage of the control supply voltage	DC
type of voltage of the control supply voltage	24 V
control supply voltage at DC rated value operating range factor control supply voltage rated value of	27 V
magnet coil at DC	
initial value	0.7
• full-scale value	1.25
design of the surge suppressor	with varistor
closing power of magnet coil at DC	2.8 W
holding power of magnet coil at DC	2.8 W
closing delay	
• at DC	25 130 ms
opening delay	
• at DC	7 20 ms
arcing time	10 15 ms
control version of the switch operating mechanism	Standard A1 - A2
Auxiliary circuit	
number of NO contacts for auxiliary contacts instantaneous contact	1
operational current at AC-12 maximum	10 A
operational current at AC-15	
at 230 V rated value	10 A
• at 400 V rated value	3 A
• at 500 V rated value	2 A
at 690 V rated value	1 A
operational current at DC-12	
at 24 V rated value	10 A
at 48 V rated value	6 A
at 60 V rated value	6 A
• at 110 V rated value	3 A
at 125 V rated value	2 A
at 220 V rated value	1.4
at 600 V rated value	0.15 A
operational current at DC-13	40 A
at 24 V rated value     at 48 V rated value	10 A
at 48 V rated value     at 60 V rated value	2 A
at 110 V rated value  at 110 V rated value	2 A
at 110 V rated value  at 125 V rated value	1 A 0.9 A
at 125 V rated value  at 220 V rated value	
<ul> <li>at 220 V rated value</li> <li>at 600 V rated value</li> </ul>	0.3 A 0.1 A
• at 600 v rated value  contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)
UL/CSA ratings	Tradity Switching per 100 million (17 V, 1 mA)
full-load current (FLA) for 3-phase AC motor	
at 480 V rated value	11 A
at 600 V rated value     at 600 V rated value	11 A
yielded mechanical performance [hp]	
• for single-phase AC motor	
— at 110/120 V rated value	0.5 hp
— at 230 V rated value	2 hp
• for 3-phase AC motor	
— at 200/208 V rated value	3 hp
— at 220/230 V rated value	3 hp
— at 460/480 V rated value	7.5 hp
— at 575/600 V rated value	10 hp
contact rating of auxiliary contacts according to UL	A600 / Q600
Short-circuit protection	
design of the fuse link	
for short-circuit protection of the main circuit	
with type of coordination 1 required	gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)
with type of assignment 2 required	gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)
for short-circuit protection of the auxiliary switch required	gG: 10 A (500 V, 1 kA)
	- , , ,

stallation/ mounting/ dimensions	±/ 100° rotation possible on vertical mounting acceptance has titled forward as
mounting position	+/-180° rotation possible on vertical mounting surface; can be tilted forward at backward by +/- 22.5° on vertical mounting surface
fastening method	screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
height	58 mm
width	45 mm
depth	117 mm
required spacing	117 11111
with side-by-side mounting	
— forwards	10 mm
	10 mm
— upwards — downwards	
	10 mm
— at the side	0 mm
for grounded parts	40
— forwards	10 mm
— upwards	10 mm
— at the side	6 mm
— downwards	10 mm
• for live parts	
— forwards	10 mm
— upwards	10 mm
— downwards	10 mm
— at the side	6 mm
onnections/ Terminals	
type of electrical connection	
for main current circuit	screw-type terminals
<ul> <li>for auxiliary and control circuit</li> </ul>	screw-type terminals
<ul> <li>at contactor for auxiliary contacts</li> </ul>	Screw-type terminals
of magnet coil	Screw-type terminals
type of connectable conductor cross-sections	
for main contacts	
— solid	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²
— solid or stranded	2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²), 2x 4 mm²
<ul> <li>finely stranded with core end processing</li> </ul>	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
for AWG cables for main contacts	2x (20 16), 2x (18 14), 2x 12
connectable conductor cross-section for main contacts	
• solid	0.5 4 mm²
stranded	0.5 4 mm²
finely stranded with core end processing	0.5 2.5 mm <sup>2</sup>
connectable conductor cross-section for auxiliary contacts	
solid or stranded	0.5 4 mm²
finely stranded with core end processing	0.5 2.5 mm²
type of connectable conductor cross-sections	
• for auxiliary contacts	
solid 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 (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
Innery stranded with core end processing     for AWG cables for auxiliary contacts	2x (0.5 1.5 minr), 2x (0.75 2.5 minr) 2x (20 16), 2x (18 14), 2x 12
AWG number as coded connectable conductor cross section	2A (2V 10), 2A (10 14), 2A 12
for main contacts	20 12
for auxiliary contacts	20 12
afety related data	
product function	
	No
mirror contact according to IEC 60947-4-1      positively driven expection according to IEC 60947.5.1.	
positively driven operation according to IEC 60947-5-1     positively for operation.	No Yes
suitable for safety function	Yes
suitability for use safety-related switching OFF	Yes
service life maximum	20 a
	Yes
test wear-related service life necessary  proportion of dangerous failures	163

<ul> <li>with high demand rate according to SN 31920</li> </ul>	73 %
B10 value with high demand rate according to SN 31920	1 000 000
failure rate [FIT] with low demand rate according to SN 31920	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





<u>KC</u>

**General Product Ap**proval

EMV

**Functional Saftey** 

**Test Certificates** 

Marine / Shipping





Type Examination Certificate

**Special Test Certific-**

Type Test Certificates/Test Report



Marine / Shipping











**Miscellaneous** 

other

other

Railway

**Dangerous goods** 

**Environment** 

Confirmation

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

**Transport Information** 



**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=3RT2017-1QB41

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RT2017-1QB41}$ 

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT2017-1QB41

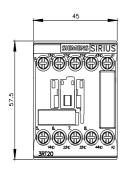
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

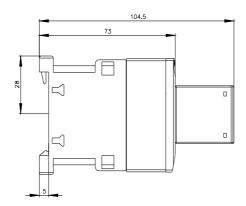
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT2017-1QB41&lang=en

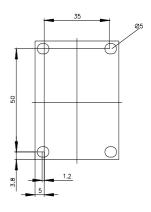
Characteristic: Tripping characteristics, I2t, Let-through current

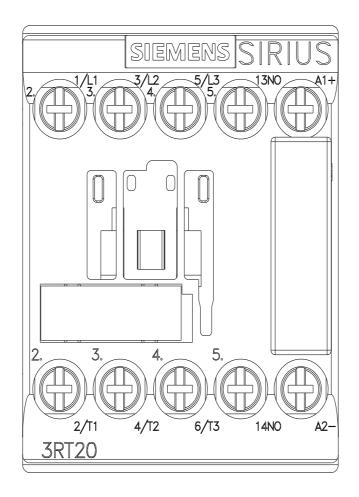
https://support.industry.siemens.com/cs/ww/en/ps/3RT2017-1QB41/char

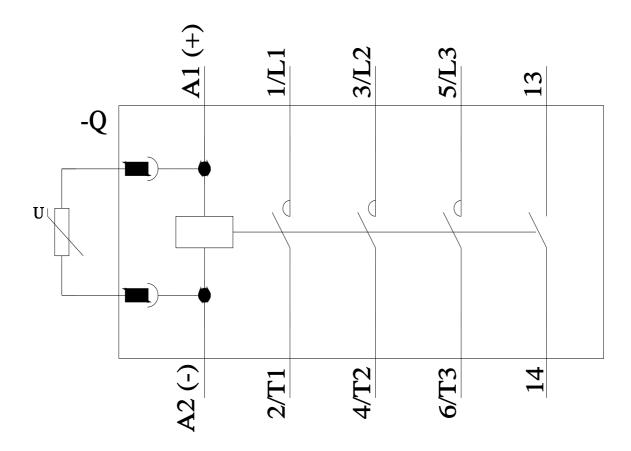
Further characteristics (e.g. electrical endurance, switching frequency) <a href="http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2017-1QB41&objecttype=14&gridview=view1">http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2017-1QB41&objecttype=14&gridview=view1</a>











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