# **SIEMENS**

Data sheet 3RV2032-4RA10



Circuit breaker size S2 for motor protection, CLASS 10 A-release 70...80 A N-release 1040 A screw terminal increased switching capacity

product brand name	SIRIUS	
product designation	Circuit breaker	
design of the product	For motor protection	
product type designation	3RV2	
General technical data		
size of the circuit-breaker	S2	
size of contactor can be combined company-specific	S2	
product extension auxiliary switch	Yes	
power loss [W] for rated value of the current		
<ul> <li>at AC in hot operating state</li> </ul>	29.5 W	
<ul> <li>at AC in hot operating state per pole</li> </ul>	9.8 W	
insulation voltage with degree of pollution 3 at AC rated value	690 V	
surge voltage resistance rated value	6 kV	
shock resistance according to IEC 60068-2-27	25g / 11 ms Sinus	
mechanical service life (switching cycles)		
<ul> <li>of the main contacts typical</li> </ul>	20 000	
of auxiliary contacts typical	20 000	
electrical endurance (switching cycles) typical	20 000	
type of protection according to ATEX directive 2014/34/EU	Ex II (2) GD	
certificate of suitability according to ATEX directive 2014/34/EU	DMT 02 ATEX F 001	
reference code according to IEC 81346-2	Q	
Substance Prohibitance (Date)	03/01/2017	
Ambient conditions		
installation altitude at height above sea level maximum	2 000 m	
ambient temperature		
<ul> <li>during operation</li> </ul>	-20 +60 °C	
<ul><li>during storage</li></ul>	-50 +80 °C	
<ul> <li>during transport</li> </ul>	-50 +80 °C	
relative humidity during operation	10 95 %	
Main circuit		
number of poles for main current circuit	3	
adjustable current response value current of the current-dependent overload release	70 80 A	
operating voltage		
rated value	20 690 V	
<ul> <li>at AC-3 rated value maximum</li> </ul>	690 V	
operating frequency rated value	50 60 Hz	
operational current rated value	80 A	
operational current		

e at AC-3 at 400 V rated value		
• at AC-3	<ul> <li>at AC-3 at 400 V rated value</li> </ul>	80 A
• at AC-3	operating power	
	— at 230 V rated value	22 kW
Protective and monitoring functions		
e at ACS maximum  Product function  ground fault defection  ground fault defection  ground fault defection  yes  CLASS 10  CLAS 10  CLASS 10  CLAS		75 KVV
product function		45.40
product function  ground fault detection  phase failure detection  trip class design of the overload release breaking capacity maximum short-circuit current (icu)  at AC at 240 V rated value  at AC at 500 V rated value  at AC at 500 V rated value  at AC at 600 V rated value  at 400 V rated value  at 400 V rated value  at 600 V r		15 1/h
e ground fault detection	Protective and monitoring functions	
e phase failure detection trip class design of the overload release breaking capacity maximum short-circuit current (Icu)  at AC at 240 V rated value  at AC at 550 V rated value  at AC at 550 V rated value  at AC at 550 V rated value  at AC at 500 V rated value  at AC at 500 V rated value  at AC at 500 V rated value  at 400 V rated value  at 500 KA  50 KA  50 KA  4 KA  4 KA  50 KA  4 KA  4 KA  1 040 A  1	product function	
e phase failure detection trip class design of the overload release breaking capacity maximum short-circuit current (Icu)  at AC at 240 V rated value  at AC at 550 V rated value  at AC at 550 V rated value  at AC at 550 V rated value  at AC at 500 V rated value  at AC at 500 V rated value  at AC at 500 V rated value  at 400 V rated value  at 500 KA  50 KA  50 KA  4 KA  4 KA  50 KA  4 KA  4 KA  1 040 A  1	ground fault detection	No
trip class design of the overload release breaking capacity maximum short-circuit current (Icu) e at AC at 240 V rated value at AC at 240 V rated value 100 kA 100		Yes
design of the overload release breaking capacity maximum short-circuit current (icu)  at AC at 24 0V rated value  at AC at 1500 V rated value  at AC at 1500 V rated value  at AC at 1500 V rated value  at AC at 240 V rated value  at AC at 240 V rated value  at 40 V rated value  at 400 V rated value  at 500 V rated value  at 600 V rated value  at 200 V rated value  at 300 V rated value  at 400 V		CLASS 10
breaking capacity maximum short-circuit current (Icu)   e   at AC at 240 V rated value   100 kA   10	·	thermal
e at AC at 240 V rated value	_	
at AC at 400 V rated value		100 kA
at AC at 500 V rated value     at AC at 690 V rated value     breaking paperity operating short-circuit current (lcs) at AC     at 240 V rated value     at 400 V rated value     at 400 V rated value     at 500 V rated value     at 690 V rated value     at 290/230 V rated value     at 490/480 V rated value     at 575/600 V rated value     at 575/600 V rated value     at 575/600 V rated value     at 890 V  Short-circuit protection     reduction short circuit protection     design of the fuse link for IT network for short-circuit trip     design of the fuse link for IT network for short-circuit protection of the main circuit     at 240 V     at 890 V     160     at 890 V     125     at 890 V     126     at 890 V     127     at 500 V     at 690 V     a		
breaking capacity operating short-circuit current (ics) at AC  at 240 V rated value at 400 V rated value 50 kA at 500 V rated value 4 kA at 690 V rated value 4 kA eat 690 V rated value 4 kA response value current of instantaneous short-circuit trip unit  PUCSA ratings  full-load current (FLA) for 3-phase AC motor 4 at 690 V rated value 77 A 4 at 690 V rated value 77 A 77 A 78 at 690 V rated value 78 A 79 A 79 A 70 A 70 A 70 A 71 A 71 A 71 A 72 A 73 A 74 A 75 A 75 A 76 A 77 A 78 A 78 A 78 A 79		
breaking capacity operating short-circuit current (Ics) at AC  at 240 V rated value at 400 V rated value 3 to 400 V rated value 3 to 400 V rated value 4 to 50 kA  at 690 V rated value 4 kA response value current of instantaneous short-circuit trip unit  UL/CSA ratings  Iffull-load current (FLA) for 3-phase AC motor 4 to 480 V rated value 77 A  4 to 400 V rated value 77 A  yielded mechanical performance [Ip] 6 for single-phase AC motor — at 110/120 V rated value 15 hp  4 for 3-phase AC motor — at 200/200 V rated value 9 to 7.5 hp — at 200/200 V rated value 9 to 7.5 hp  4 to 40/400 V rated value 9 to 8 hp 9 to 40/400 V rated value 9 to 9 hp 9 to 40/400 V rated value 9 to		
at AC  at 240 V rated value		6 КА
at 500 V rated value at 690 V rated value response value current of instantaneous short-circuit trip unit  1 040 A  1 0	<ul> <li>at 240 V rated value</li> </ul>	100 kA
e at 690 V rated value response value current of instantaneous short-circuit trip unit  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor	<ul><li>at 400 V rated value</li></ul>	50 kA
e at 690 V rated value response value current of instantaneous short-circuit trip unit  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor e at 440 V rated value e for 3-phase AC motor - at 110/120 V rated value - at 230 V rated value e for 3-phase AC motor - at 110/120 V rated value e for 3-phase AC motor - at 2200/230 V rated value - at 2200/230 V rated value - at 25 fp - at 2500/230 V rated value - at 450/480 V rated value - at 450/480 V rated value - at 575/600 V rated value - at 575/600 V rated value - at 575/600 V rated value - at 600 V rated value - at 600 V rated value - at 575/600 V rated value - at 600 V rated value - at 75 Fp  Short-circuit protection  resultation short circuit protection design of the fuse link for IT network for short-circuit protection of the main circuit - at 240 V rated value - at 600 V rated value - at	● at 500 V rated value	8 kA
unit  ULICSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value 77 A  • at 600 V rated value 77 A  yielded mechanical performance [hp]  • for single-phase AC motor  — at 110/120 V rated value 15 hp  • for 3-phase AC motor  — at 2200/220 V rated value 25 hp  — at 220/230 V rated value 30 hp  — at 220/230 V rated value 60 hp  — at 450/480 V rated value 60 hp  — at 450/480 V rated value 60 hp  product function short circuit protection design of the fuse link for IT network for short-circuit protection of the fuse link for IT network for short-circuit protection of the fuse link for IT network for short-circuit protection of the fuse link for IT network for short-circuit protection of the short-circuit protection of 125  • at 240 V none required  • at 480 V 150  • at 690 V 125  • at 690 V 125  height 149 mm  required spacing  • with side-by-side mounting at the side 60 mm  • for grounded parts at 400 V  — downwards 50 mm  — at the side 10 mm	at 690 V rated value	4 kA
Ul-load current (FLA) for 3-phase AC motor   at 480 V rated value   77 A     at 800 V rated value   77 A     yielded mechanical performance [np]     for single-phase AC motor   - at 110/120 V rated value   7.5 hp     - at 230 V rated value   15 hp     for 3-phase AC motor   - at 200/208 V rated value   25 hp     - at 220/230 V rated value   30 hp     - at 220/230 V rated value   60 hp     - at 480/480 V rated value   75 hp     Short-circuit protection   Yes     design of the fuse link for IT network for short-circuit protection of the main circuit   at 240 V     at 400 V   160     at 490 V   125     at 590 V   125     at 690 V   125     at 690 V   100     Installation/ mounting/ dimensions   any     fastening method   screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715     height   140 mm     width   65 mm     depth   required spacing     with side-by-side mounting at the side   0 mm     of mm		1 040 A
full-load current (FLA) for 3-phase AC motor		
at 480 V rated value  at 600 V rated value  for single-phase AC motor  — at 110/120 V rated value — at 230 V rated value — at 220/230 V rated value — at 220/230 V rated value — at 4575600 V rated value — at 575600 V rated value  Froduct function short circuit protection  design of the short-circuit trip  design of the short-circuit trip  at 4500 V  at 550 V  at 6500 V  a		
at 600 V rated value yielded mechanical performance [hp]  for single-phase AC motor — at 110/120 V rated value — at 230 V rated value for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 4200/208 V rated value — at 4575/600 V rated value — at 575/600 V rated value  Product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit  at 400 V at 500 V bratillation/mounting/dimensions  mounting position fastening method  screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715  height width bight vidth for grounded parts at 400 V — downwards — for grounded parts at 400 V — downwards — of or grounded parts at 400 V — downwards — upwards — upwards — at the side  10 mm	full-load current (FLA) for 3-phase AC motor	
of risingle-phase AC motor  — at 110/120 V rated value — at 230 V rated value — at 220/230 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 460/480 V rated value — at 575/600 V rated value  product function short circuit protection design of the fuse link for IT network for short-circuit protection of the main circuit  at 500 V beliable to 400 V at 500 V at 500 V at 500 V beliable to 55 mm depth depth required spacing  with side-by-side mounting at the side for grounded parts at 400 V — downwards — of ownwards — of ownwards — upwards — at the side  7.5 hp  7.5 hp 7.5 h	<ul> <li>at 480 V rated value</li> </ul>	77 A
• for single-phase AC motor  — at 1101/20 V rated value — at 230 V rated value 9 for 3-phase AC motor — at 2200/208 V rated value — at 2200/208 V rated value — at 2200/2008 V rated value — at 460/480 V rated value — at 460/480 V rated value — at 575/600 V rated value — at 575/600 V rated value — by the short-circuit protection  product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit  • at 240 V • at 400 V • at 500 V • at 500 V • at 500 V  Installation/ mounting/ dimensions  mounting position fastening method  according to DIN EN 60715  height width depth required spacing • with side-by-side mounting at the side • for grounded parts at 400 V — downwards — upwards — upwards — ut the side  10 mm	<ul> <li>at 600 V rated value</li> </ul>	77 A
- at 110/120 V rated value 7.5 hp - at 230 V rated value 15 hp  • for 3-phase AC motor - at 200/208 V rated value 25 hp - at 220/230 V rated value 30 hp - at 460/480 V rated value 60 hp - at 575/600 V rated value 75 hp   Short-circuit protection  product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit  • at 240 V none required • at 460 V 160 • at 500 V 125 • at 690 V 100  Installation/ mounting/ dimensions  mounting position any fastening method  screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715  height 149 mm  required spacing • with side-by-side mounting at the side • for grounded parts at 400 V - downwards - upwards - upwards - at the side  7.5 hp  15 hp  15 hp  15 hp  15 hp  15 hp  16 hp  17 hp  18 hp  18 hp  19 hp  10	yielded mechanical performance [hp]	
- at 230 V rated value	<ul> <li>for single-phase AC motor</li> </ul>	
for 3-phase AC motor         — at 200/208 V rated value         — at 220/230 V rated value         — at 460/480 V rated value         — at 575/600 V rated value  Product function short circuit protection  design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit          • at 240 V         • at 4500 V         • at 500 V         • at 690 V  Installation/ mounting/ dimensions  mounting position fastening method  screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715  height width depth required spacing          • with side-by-side mounting at the side         • for grounded parts at 400 V         — downwards         — upwards         — at the side         • 00 mm	<ul> <li>— at 110/120 V rated value</li> </ul>	7.5 hp
	— at 230 V rated value	15 hp
- at 200/208 V rated value 25 hp - at 220/230 V rated value 30 hp - at 460/480 V rated value 60 hp - at 575/600 V rated value 75 hp  Short-circuit protection  product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit  • at 240 V	<ul> <li>for 3-phase AC motor</li> </ul>	
- at 220/230 V rated value - at 460/480 V rated value - at 575/600 V rated value - at 575/600 V rated value - at 575/600 V rated value  Product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit  at 240 V at 400 V at 400 V at 600 V at 500 V at 600 V be at 600 V loos  Installation/ mounting/ dimensions  mounting position fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height width depth required spacing  with side-by-side mounting at the side for grounded parts at 400 V - downwards - upwards - upwards - at the side  30 hp 60 hp 75 hp 80 hp 90	·	25 hp
- at 460/480 V rated value		
- at 575/600 V rated value 75 hp  Short-circuit protection  product function short circuit protection design of the short-circuit trip magnetic  estimate of the graph of the short circuit trip magnetic  estimate of the graph of the short circuit trip magnetic  estimate of the graph of the g		·
Short-circuit protection  product function short circuit protection design of the short-circuit trip magnetic  esign of the fuse link for IT network for short-circuit protection of the main circuit  • at 240 V • at 400 V • at 500 V • at 690 V  Installation/ mounting/ dimensions  mounting position fastening method  screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715  height width depth required spacing  • with side-by-side mounting at the side • for grounded parts at 400 V  — downwards — upwards — upwards — at the side  10 mm		
product function short circuit protection design of the short-circuit trip magnetic  design of the fuse link for IT network for short-circuit protection of the main circuit  • at 240 V • at 400 V • at 500 V • at 690 V 100  Installation/ mounting/ dimensions  mounting position fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715  height width style="background-color: red;">140 mm width style="background-color: red;">140 mm width style="background-color: red;">149 mm required spacing • with side-by-side mounting at the side • for grounded parts at 400 V — downwards — upwards — upwards — at the side  10 mm		75 TIP
design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit  • at 240 V • at 400 V • at 500 V • at 690 V  Installation/ mounting/ dimensions  mounting position fastening method  fastening method  according to DIN EN 60715  height width depth required spacing • with side-by-side mounting at the side • for grounded parts at 400 V — downwards — upwards — at the side  mone required none req		
design of the fuse link for IT network for short-circuit protection of the main circuit  • at 240 V • at 400 V • at 500 V • at 690 V  Installation/ mounting/ dimensions  mounting position fastening method  according to DIN EN 60715  height width depth required spacing  • with side-by-side mounting at the side • for grounded parts at 400 V  — downwards — upwards — at the side  none required  none required  any none required  any none required  100  any screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715  140 mm  149 mm  55 mm  0 mm  50 mm  10 mm		
protection of the main circuit  at 240 V  at 400 V  at 500 V  at 690 V  Installation/ mounting/ dimensions  mounting position fastening method  according to DIN EN 60715  height width depth required spacing  with side-by-side mounting at the side for grounded parts at 400 V  — downwards — upwards — at the side  none required  none required  none required  according to DIN EN 60715  mounting onto 35 mm standard mounting rail according to DIN EN 60715  no mm  o mm		magnetic
<ul> <li>at 240 V</li> <li>at 400 V</li> <li>at 500 V</li> <li>at 690 V</li> <li>Installation/ mounting/ dimensions</li> <li>mounting position</li> <li>fastening method</li> <li>height</li> <li>width</li> <li>depth</li> <li>required spacing</li> <li>with side-by-side mounting at the side</li> <li>for grounded parts at 400 V</li> <li>downwards</li> <li>upwards</li> <li>at the side</li> <li>none required</li> <li>125</li> <li>any</li> <li>screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715</li> <li>height</li> <li>140 mm</li> <li>55 mm</li> <li>depth</li> <li>o mm</li> <li>for grounded parts at 400 V</li> <li>downwards</li> <li>at the side</li> <li>10 mm</li> </ul>		
<ul> <li>at 400 V</li> <li>at 500 V</li> <li>at 690 V</li> <li>Installation/ mounting/ dimensions</li> <li>mounting position</li> <li>fastening method</li> <li>height</li> <li>width</li> <li>depth</li> <li>required spacing</li> <li>with side-by-side mounting at the side</li> <li>for grounded parts at 400 V</li> <li>downwards</li> <li>upwards</li> <li>any</li> <li>screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715</li> <li>height</li> <li>140 mm</li> <li>55 mm</li> <li>149 mm</li> <li>o mm</li> <li>for grounded parts at 400 V</li> <li>downwards</li> <li>upwards</li> <li>at the side</li> <li>10 mm</li> </ul>		
<ul> <li>at 500 V</li> <li>at 690 V</li> <li>Installation/ mounting/ dimensions</li> <li>mounting position fastening method</li> <li>height side by-side mounting at the side</li> <li>for grounded parts at 400 V</li> <li>— downwards</li> <li>— at the side</li> <li>125</li> <li>100</li> <li></li></ul>		·
● at 690 V  Installation/ mounting/ dimensions  mounting position fastening method  according to DIN EN 60715  height width width fequired spacing ● with side-by-side mounting at the side ● for grounded parts at 400 V  — downwards — upwards — at the side  100  any screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715  140 mm  149 mm  0 mm	• at 400 V	
Installation/ mounting/ dimensions  mounting position fastening method  screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715  height  width  total depth  required spacing  with side-by-side mounting at the side  for grounded parts at 400 V  downwards  upwards  upwards  any  screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715  height  140 mm  55 mm  0 mm  50 mm  10 mm	● at 500 V	125
mounting position fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height 140 mm width 55 mm depth required spacing  • with side-by-side mounting at the side • for grounded parts at 400 V — downwards — upwards — upwards — at the side  any screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715  0 mm  55 mm  50 mm  10 mm	● at 690 V	100
mounting position fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height 140 mm width 55 mm depth required spacing  • with side-by-side mounting at the side • for grounded parts at 400 V — downwards — upwards — at the side  any screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715  0 mm  55 mm  50 mm  50 mm  10 mm	Installation/ mounting/ dimensions	
fastening method  screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715  height  vidth  to mm  standard mounting rail according to DIN EN 60715  140 mm  55 mm  depth  required spacing  with side-by-side mounting at the side  for grounded parts at 400 V  - downwards  - upwards  - at the side  screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715  140 mm  55 mm  55 mm  50 mm  10 mm		any
according to DIN EN 60715  height  width 55 mm  depth 149 mm  required spacing  • with side-by-side mounting at the side • for grounded parts at 400 V  — downwards — upwards — at the side  10 mm		·
height width 55 mm depth 149 mm  required spacing  • with side-by-side mounting at the side • for grounded parts at 400 V  — downwards — upwards — at the side  10 mm		
width depth 149 mm  required spacing  • with side-by-side mounting at the side • for grounded parts at 400 V  — downwards — upwards — at the side  55 mm  50 mm  50 mm  10 mm	height	
depth required spacing  • with side-by-side mounting at the side • for grounded parts at 400 V  — downwards — upwards — at the side  149 mm  0 mm  50 mm  149 mm	_	
required spacing  • with side-by-side mounting at the side  • for grounded parts at 400 V  — downwards — upwards — at the side  0 mm  50 mm  10 mm		
<ul> <li>with side-by-side mounting at the side</li> <li>for grounded parts at 400 V</li> <li>— downwards</li> <li>— upwards</li> <li>— at the side</li> <li>0 mm</li> <li>50 mm</li> <li>10 mm</li> </ul>		
<ul> <li>for grounded parts at 400 V</li> <li>— downwards</li> <li>— upwards</li> <li>— at the side</li> <li>50 mm</li> <li>10 mm</li> </ul>		0 mm
<ul> <li>downwards</li> <li>upwards</li> <li>at the side</li> <li>50 mm</li> <li>10 mm</li> </ul>		O HIIII
<ul><li>— upwards</li><li>— at the side</li><li>50 mm</li><li>10 mm</li></ul>		FO
— at the side 10 mm		
	•	
for live parts at 400 V		10 mm
	for live parts at 400 V	

— downwards	50 mm
— upwards	50 mm
— at the side	10 mm
<ul> <li>for grounded parts at 500 V</li> </ul>	
— downwards	50 mm
— upwards	50 mm
— at the side	10 mm
<ul> <li>for live parts at 500 V</li> </ul>	
— downwards	50 mm
— upwards	50 mm
— at the side	10 mm
<ul> <li>for grounded parts at 690 V</li> </ul>	
— downwards	50 mm
— upwards	50 mm
— at the side	10 mm
<ul> <li>for live parts at 690 V</li> </ul>	
— downwards	50 mm
— upwards	50 mm
— at the side	10 mm
annoctions/ Torminals	

#### Connections/ Terminals

type	of	electrical	connection
------	----	------------	------------

• for main current circuit arrangement of electrical connectors for main current

circuit

type of connectable conductor cross-sections

• for main contacts

— solid or stranded

— finely stranded with core end processing

• at AWG cables for main contacts

tightening torque

• for main contacts with screw-type terminals

design of screwdriver shaft size of the screwdriver tip

design of the thread of the connection screw

for main contacts

screw-type terminals

Top and bottom

2x (1 ... 35 mm<sup>2</sup>), 1x (1 ... 50 mm<sup>2</sup>) 2x (1 ... 25 mm<sup>2</sup>), 1x (1 ... 35 mm<sup>2</sup>)

2x (18 ... 2), 1x (18 ... 1)

3 ... 4.5 N·m Diameter 5 to 6 mm Pozidriv size 2

M6

## Safety related data

### B10 value

• with high demand rate according to SN 31920 5 000

#### proportion of dangerous failures

• with low 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

T1 value for proof test interval or service life according to

IEC 61508

protection class IP on the front according to IEC

60529

touch protection on the front according to IEC 60529

display version for switching status

50 %

50 %

50 FIT

10 y

IP20

finger-safe, for vertical contact from the front

Handle

#### Certificates/ approvals

## **General Product Approval**





Confirmation



**KC** 



For use in hazardous locations

**Declaration of Conformity** 

**Test Certificates** 









Type Test Certificates/Test Report

Special Test Certificate

#### Marine / Shipping













Marine / Shipping

other

Railway



Confirmation



Vibration and Shock

Confirmation

#### **Further information**

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RV2032-4RA10

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2032-4RA10

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

https://support.industry.siemens.com/cs/ww/en/ps/3RV2032-4RA10

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

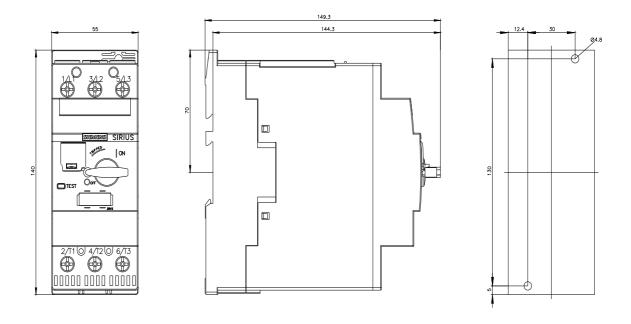
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RV2032-4RA10&lang=en

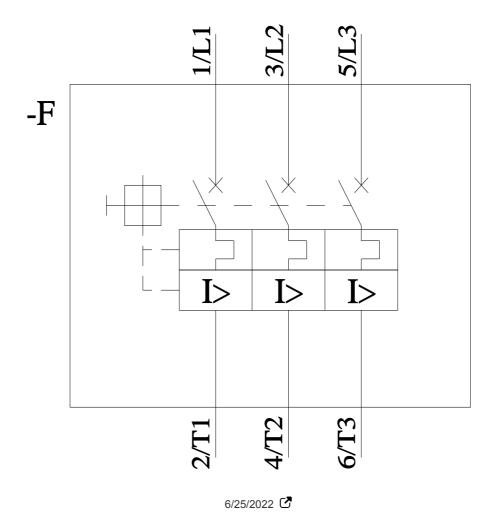
Characteristic: Tripping characteristics, I2t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RV2032-4RA10/char

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

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RV2032-4RA10&objecttype=14&gridview=view1





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last modified: