# **SIEMENS**

### Datasheet

### 3VA1020-4ED32-0AA0



CIRCUIT BREAKER 3VA1 IEC FRAME 100 BREAKING CAPACITY CLASS S ICU=36KA @ 415 V 3-POLE, LINE PROTECTION TM210, FTFM, IN=20A OVERLOAD PROTECTION IR=20A FIXED SHORT CIRCUIT PROTECTION II=16 X IN BUSBAR CONNECTION

Figure similar

Model		
product brand name		SENTRON
Product designation		Molded case circuit breaker
Design of the product	-	Line protection
Product variations	-	General Applications
Ground fault monitoring version		Without
Design of the auxiliary release		Without auxiliary release
Design of the auxiliary switch		Without
Design of the operating mechanism		toggle handle
Type of the driving mechanism / motor drive		No
Design of the overcurrent release		TM210
General technical data		
Number of poles		3
Trip class / of the L-trip / with I2t characteristic / initial value		1
Trip class / of the L-trip / with I2t characteristic / Full- scale value		1
Electrical endurance (switching cycles)		
• at AC-1 / at 380/415 V / at 50/60 Hz		8 000
circuit-breaker / Design		3VA
Mechanical service life (switching cycles) / typical		15 000
Voltage		
Insulation voltage		
Rated value	V	800

Protective function of the overcurrent release     Ll       Switching capacity     S       Dissipation     V       Active power loss     W       • maximum     W       12       Electricity       Operating current / lat 45 °C / Rated value     A       20       Continuous current / Rated value / maximum     A     100       Continuous current / Rated value / maximum     A     20       Adjustable response value current     A     20       Adjustable response value current     A     100       • of the current-dependent overload release / initial value     A     10       • of the instantaneous short-circuit release / initial value     A     10       Value     g     900       Main circuit     V     690       • of the current-dependent overload release / initial value     V     690       • of the current-dependent overload release / initial value     V     690       • of the current-dependent overload release / initial value     V     690       • of the current-dependent overload release / initial value     V     690       • of the instantaneous short-circuit release / initial value     V     690       • of the instantaneous short-circuit release / initial value     V     690       • of the or C / Rated valu	Protection class		
Switching capacity class of the circuit breaker     S       Dissipation     Adive power loss     Imaximum       Adive power loss     Imaximum       • maximum     W     12       Continuous current / at 45 °C / Rated value     A     20       Continuous current     A     100       • Adjustable response value current     A     20       • of the current-dependent overload release /     A     1       • of the current-dependent overload release /     A     10       value     • of the current-dependent overload release /     A     10       value     • of the current-dependent overload release /     A     10       value     • of the current-dependent overload release /     A     10       value     • of the current-dependent overload release /     A     10       value     • of the current-dependent overload release /     A     10       value     • of the instantaneous short-circuit release / initial     A     10       Net weight     g     900     900     900       Main circuit     V     690     5000       Operating voltage     V     690     5000       • for DC / Rated value     A     20     4       • at 60 °C / Rated value     A     19 <t< td=""><td></td><td></td><td>LI</td></t<>			LI
Switching capacity class of the circuit breaker         S           Dissipation         Active power loss		_	
Dissipation       Active power loss     waximum <ul> <li>maximum</li> <li>W</li> <li>12</li> </ul> <ul> <li>Operating current / Rated value / maximum</li> <li>Continuous current</li> <li>Rated value</li> <li>A</li> <li>20</li> <li>Adjustable response value current</li> <li>of the current-dependent overload release / Initial value</li> <li>of the instantaneous short-circuit release / Initial value</li> <li>of the Cl C Rated value</li> <li>vith AC / at 50/60 Hz / Rated value</li> <li>vith AC / at 50/60 Hz / Rated value</li> <li>vith AC / at 50/60 Hz / Rated value</li> <li>vith AC / at 50/60 Hz / Rated value</li> <li>vith AC / at 50/60 Hz / Rated value</li> <li>vith AC / at 50/60 Hz / Rated value</li> <li>vith AC / at 20</li> <li>at 60 °C / Rated value</li> <li>A</li> <li>at 60</li></ul>		_	S
Active power loss     W     12          • maximum      W     12           2 Dectricity               Operating current / at 45 °C / Rated value         A         20           Continuous current             maximum             Continuous current         A         20               A         20			Ĵ
• maximumW12ElectricityOperating ourrent / at 45 °C / Rated valueA20Continuous current / Rated value / maximumA100Continuous current / • Rated valueA20Adjustable response value current • of the current-dependent overload release / Full-scale valueA20Adjustable response value current • of the instantaneous short-circuit release / initial valueA1Operating voltage • with AC / at 50/60 Hz / Rated valueQ6900Operating outlage • with AC / at 50/60 Hz / Rated valueV6900Operating outlage • if th C / Rated valueV6900Operating outlage • if at 0° C / Rated valueA20Att 0° C / Rated valueA20Operating outlage • if at 0° C / Rated valueA20Operating outlage • if at 0° C / Rated valueA20Operating outrent • at 50° C / Rated valueA20• at 65° C / Rated valueA20• at 65° C / Rated valueA19• at 70° C / Rated value <th< td=""><td></td><td>_</td><td></td></th<>		_	
Electricity       Electricity         Operating current / at 45 °C / Rated value       A       20         Continuous current       A       100         Continuous current       A       20         Adjustable response value current       A       20         of the current-dependent overload release / Full-scale value       A       1         of the instantaneous short-circuit release / initial value       A       10         Net weight       g       900         Main circuit       Operating voltage       V         • with AC / at 50/60 Hz / Rated value       V       690         • for DC / Rated value       V       500         Operating current       A       20         • at 50 °C / Rated value       A       20         • at 50 °C / Rated value       A       20         • at 50 °C / Rated value       A       20         • at 50 °C / Rated value       A       20         • at 55 °C / Rated value       A       19         • at 60 °C / Rated value       A       19         • at 65 °C / Rated value       A       19         • at 65 °C / Rated value       A       19         • at 65 °C / Rated value       A       19	Active power loss		
Operating current / at 45 °C / Rated value     A     20       Continuous current / Rated value / maximum     A     100       Continuous current     A     20       Adjustable response value current     A     20       • of the current-dependent overload release / Full-scale value     A     1       • of the instantaneous short-circuit release / initial value     A     10       • of the instantaneous short-circuit release / initial value     A     10       • of the instantaneous short-circuit release / initial value     A     10       • of the instantaneous short-circuit release / initial value     A     10       • of the instantaneous short-circuit release / initial value     A     10       • of the instantaneous short-circuit release / initial value     A     10       • of the instantaneous short-circuit release / initial value     A     10       • of the instantaneous short-circuit release / initial value     A     10       • of the instantaneous short-circuit release / initial value     X     690       • of the C / Rated value     A     20       • of DC / Rated value     A     20       • at 50 °C / Rated value     A     19       • at 60 °C / Rated value     A     19       • at 70 °C / Rated value     A     19       • of auxiliary contacts     <	• maximum	W	12
Continuous current / Rated value / maximum       A       100         Continuous current       A       20         Adjustable response value current       A       1         • of the current-dependent overload release / Full-scale value       A       1         • of the instantaneous short-circuit release / initial value       A       10         • of the instantaneous short-circuit release / initial value       A       10         Value       g       900       900         Main circuit       A       10       10         Operating voltage       V       690       10         • with AC / at 50/60 Hz / Rated value       V       500       500         Operating current       V       500       500         • for DC / Rated value       A       20       10         • at 50 °C / Rated value       A       20       10         • at 65 °C / Rated value       A       19       10         • at 65 °C / Rated value       A       19       10         • at 65 °C / Rated value       A       19       10         • at 65 °C / Rated value       A       19       10         • for auxiliary contacts       0       0       10         • for	Electricity		
Continuous current       A       20         Adjustable response value current       A       20         • of the current-dependent overload release / Full-scale value       A       1         • of the instantaneous short-circuit release / initial value       A       10         • of the instantaneous short-circuit release / initial value       g       900         Net weight       g       900         Main circuit       Full-scale value       V         • with AC / at 50/60 Hz / Rated value       V       690         • for DC / Rated value       V       500         Operating current       V       500         • at 40 °C / Rated value       A       20         • at 50 °C / Rated value       A       20         • at 50 °C / Rated value       A       20         • at 55 °C / Rated value       A       19         • at 65 °C / Rated value       A       19         • at 65 °C / Rated value       A       19         • at 70 °C / Rated value       A       19         • at 70 °C / Rated value       0       10         • for auxiliary contacts       0       0         Suitability       system protection       10         • of None curent	Operating current / at 45 °C / Rated value	А	20
• Rated valueA20Adjustable response value currentAI• of the current-dependent overload release / Full-scale valueA1• of the instantaneous short-circuit release / initial valueA10• of the instantaneous short-circuit release / initial valueA10• of the instantaneous short-circuit release / initial valueB900Metweightg900• Operating voltage•• with AC / at 50/60 Hz / Rated valueV690• for DC / Rated valueV500• of the C / Rated valueA20• at 40 °C / Rated valueA20• at 50 °C / Rated valueA20• at 55 °C / Rated valueA19• at 65 °C / Rated valueA19• at 65 °C / Rated valueA19• at 65 °C / Rated valueA19• at 70 °C / Rated valueA19• at 70 °C / Rated valueA19• for auxiliary contactsof• for auxiliary contactsof• for auxiliary contactssystem protection• Sultability for usesystem protectionAdjustable parametersA10• for N-conductor protection / initial valueA10• for N-conductor protection / initial valueA10	Continuous current / Rated value / maximum	А	100
Adjustable response value current       A       1         • of the current-dependent overload release / Full-scale value       A       10         • of the instantaneous short-circuit release / initial value       A       10         Net weight       g       900         Main circuit       g       900         Operating voltage       V       690         • with AC / at 50/60 Hz / Rated value       V       500         Operating current       V       500         • at 40 °C / Rated value       A       20         • at 40 °C / Rated value       A       20         • at 50 °C / Rated value       A       20         • at 60 °C / Rated value       A       19         • at 60 °C / Rated value       A       19         • at 65 °C / Rated value       A       19         • at 70 °C / Rated value       A       19         • at 70 °C / Rated value       A       19         • at 70 °C / Rated value       A       19         • for auxiliary contacts       0       0         Suitability       Suitability for use       system protection         • for N-conductor protection / initial value       A       10         • for N-conductor protection / initi	Continuous current	_	
• of the current-dependent overload release / Full-scale valueA1• of the instantaneous short-circuit release / initial valueA10Net weightg900Operating voltageV• with AC / at 50/60 Hz / Rated valueV690• for DC / Rated valueV500Operating currentV• at 40 °C / Rated valueA20• at 40 °C / Rated valueA20• at 50 °C / Rated valueA20• at 60 °C / Rated valueA19• at 60 °C / Rated valueA19• at 70 °C / Rated valueA19Auxiliary circuitVNumber of CO contacts • for auxiliary contacts0Suitabilityv• Suitability for useAAdjustable response value current • of 1-trip / Full-scale valueAAdjustable response value current • of 1-trip / Full-scale valueA0A	Rated value	А	20
Full-scale value       A       10         Net weight       g       900         Main circuit       g       900         Main circuit       V       690         Operating voltage       V       690         • with AC / at 50/60 Hz / Rated value       V       690         • for DC / Rated value       V       500         Operating current       V       500         • at 40 °C / Rated value       A       20         • at 50 °C / Rated value       A       20         • at 50 °C / Rated value       A       20         • at 65 °C / Rated value       A       19         • at 65 °C / Rated value       A       19         • at 65 °C / Rated value       A       19         • at 65 °C / Rated value       A       19         • at 67 °C / Rated value       A       19         • at 67 °C / Rated value       A       19         • at 67 °C / Rated value       A       19         • at 67 °C / Rated value       A       10         • for auxiliary contacts       in a system protection         • for auxiliary contacts       System protection         • for auxiliary contacts       A       10 <tr< td=""><td>Adjustable response value current</td><td></td><td></td></tr<>	Adjustable response value current		
• of the instantaneous short-circuit release / initial valueA10Net weightg900Main circuitCoperating voltageImage: Constant state	<ul> <li>of the current-dependent overload release /</li> </ul>	А	1
value     g     900       Main circuit     g     900       Operating voltage     g     900       • with AC / at 50/60 Hz / Rated value     V     690       • for DC / Rated value     V     500       Operating current	Full-scale value		
Net weight         g         900           Main circuit         Comparing voltage         V         690           • with AC / at 50/60 Hz / Rated value         V         690         690           • for DC / Rated value         V         500         690           Operating current         V         500         690           • at 40 °C / Rated value         A         20         690           • at 40 °C / Rated value         A         20         690           • at 50 °C / Rated value         A         20         690           • at 50 °C / Rated value         A         20         690           • at 60 °C / Rated value         A         19         60           • at 65 °C / Rated value         A         19         60           • at 65 °C / Rated value         A         19         60           • at 70 °C / Rated value         A         19         60           Suitability         O         Suitability for use         Suitability         60           • Suitability for use         System protection         System protection         60		А	10
Main circuit         Operating voltage       V       690         • with AC / at 50/60 Hz / Rated value       V       500         Operating current       V       500         • at 40 °C / Rated value       A       20         • at 50 °C / Rated value       A       20         • at 50 °C / Rated value       A       20         • at 50 °C / Rated value       A       20         • at 50 °C / Rated value       A       20         • at 60 °C / Rated value       A       19         • at 65 °C / Rated value       A       19         • at 65 °C / Rated value       A       19         • at 70 °C / Rated value       A       19         Auxiliary circuit       D       D         Number of CO contacts       0       0         Suitability       Suitability for use       system protection         Adjustable parameters       A       10         Adjustable response value current       A       10         • for N-conductor protection / initial value       A       0			
Operating voltage       V       690         • with AC / at 50/60 Hz / Rated value       V       500         Operating current       V       500         • at 40 °C / Rated value       A       20         • at 40 °C / Rated value       A       20         • at 50 °C / Rated value       A       20         • at 55 °C / Rated value       A       20         • at 60 °C / Rated value       A       19         • at 65 °C / Rated value       A       19         • at 65 °C / Rated value       A       19         • at 65 °C / Rated value       A       19         • at 70 °C / Rated value       A       19         • at 70 °C / Rated value       A       19         • at 70 °C / Rated value       A       19         • at 70 °C / Rated value       A       19         • at 70 °C / Rated value       A       19         Auxiliary circuit           Number of CO contacts       0          • for auxiliary contacts       0          • Suitability        system protection         • Adjustable parameters           Adjustable response value current       A	Net weight	g	900
with AC / at 50/60 Hz / Rated valueV690• for DC / Rated valueV500Operating current-• at 40 °C / Rated valueA20• at 50 °C / Rated valueA20• at 50 °C / Rated valueA20• at 60 °C / Rated valueA19• at 70 °C / Rated valueA19• distribution current00• Suitability for usesystem protection• Suitability for usesystem protection• of 1-trip / Full-scale valueA10• of 1-trip / Full-scale valueA0	Main circuit		
Instruct of octoor functionV500Operating current• at 40 °C / Rated valueA20• at 50 °C / Rated valueA20• at 55 °C / Rated valueA20• at 60 °C / Rated valueA19• at 65 °C / Rated valueA19• at 65 °C / Rated valueA19• at 65 °C / Rated valueA19• at 70 °C / Rated valueA19• at 70 °C / Rated valueA19• at 70 °C / Rated valueA19Suitability circuitNumber of CO contacts • for auxiliary contacts0Suitability• Suitability for usesystem protectionAdjustable parameters-Adjustable response value current • of 1-trip / Full-scale valueA• for N-conductor protection / initial valueA• for N-conductor protection / initial valueA	Operating voltage		
Operating current       A       20         • at 40 °C / Rated value       A       20         • at 50 °C / Rated value       A       20         • at 55 °C / Rated value       A       20         • at 60 °C / Rated value       A       20         • at 65 °C / Rated value       A       19         • at 65 °C / Rated value       A       19         • at 65 °C / Rated value       A       19         • at 70 °C / Rated value       A       19         • at 70 °C / Rated value       A       19         Auxiliary circuit       A       19         Suitability       0       0         Suitability       system protection         Adjustable parameters       A       10         • of 1-trip / Full-scale value       A       0	<ul> <li>with AC / at 50/60 Hz / Rated value</li> </ul>	V	690
• at 40 °C / Rated valueA20• at 50 °C / Rated valueA20• at 55 °C / Rated valueA20• at 60 °C / Rated valueA19• at 65 °C / Rated valueA19• at 65 °C / Rated valueA19• at 70 °C / Rated valueA19• for auxiliary contacts0Suitability for use• Suitability for usesystem protectionAdjustable parametersA10• of 1-trip / Full-scale valueA0	<ul> <li>for DC / Rated value</li> </ul>	V	500
at to o'r lated valueA20• at 50 °C / Rated valueA20• at 55 °C / Rated valueA19• at 60 °C / Rated valueA19• at 65 °C / Rated valueA19• at 70 °C / Rated valueA19• at 70 °C / Rated valueA19Auxiliary circuitNumber of CO contacts• for auxiliary contacts0SuitabilitySuitability for useAdjustable parametersAdjustable response value currentA• of I-trip / Full-scale valueA10• for N-conductor protection / initial valueA0	Operating current	-	
• at 55 °C / Rated value       A       20         • at 60 °C / Rated value       A       19         • at 65 °C / Rated value       A       19         • at 65 °C / Rated value       A       19         • at 70 °C / Rated value       A       19         Auxiliary circuit       A       19         Auxiliary contacts       0       0         Suitability       Suitability for use       System protection         Adjustable parameters       Adjustable response value current       A         • of I-trip / Full-scale value       A       10         • for N-conductor protection / initial value       A       0	• at 40 °C / Rated value	А	20
• at 60 ° C / Rated value       A       19         • at 65 ° C / Rated value       A       19         • at 70 ° C / Rated value       A       19         • at 70 ° C / Rated value       A       19         Auxiliary circuit       A       19         Auxiliary contacts       0       0         Suitability       0       0         Suitability for use       system protection         Adjustable parameters       A       10         Adjustable response value current       A       10         • for N-conductor protection / initial value       A       0	• at 50 °C / Rated value	А	20
• at 65 °C / Rated valueA19• at 70 °C / Rated valueA19Auxiliary circuitA19Auxiliary circuit0Suitability0Suitabilitysystem protection• Suitability for usesystem protectionAdjustable parameters10Adjustable response value current • of I-trip / Full-scale valueA10• for N-conductor protection / initial valueA10• A00	● at 55 °C / Rated value	А	20
• at 70 °C / Rated valueA19Auxiliary circuitImage: Auxiliary circuitNumber of CO contacts • for auxiliary contacts0Suitability0Suitabilitysystem protectionAdjustable parametersImage: Auxiliary circuit • of I-trip / Full-scale valueAdjustable response value current • of I-trip / Full-scale valueA10A10Adjustable parameters	• at 60 °C / Rated value	А	19
Auxiliary circuit       Image: Auxiliary circuit         Number of CO contacts       0         • for auxiliary contacts       0         Suitability       •         • Suitability for use       system protection         Adjustable parameters       Adjustable response value current         • of I-trip / Full-scale value       A         • for N-conductor protection / initial value       A	● at 65 °C / Rated value	А	19
Number of CO contacts       0         • for auxiliary contacts       0         Suitability       0         • Suitability for use       system protection         Adjustable parameters       Adjustable response value current         • of I-trip / Full-scale value       A         • for N-conductor protection / initial value       A	• at 70 °C / Rated value	А	19
Number of CO contacts       0         • for auxiliary contacts       0         Suitability       0         • Suitability for use       system protection         Adjustable parameters       Adjustable response value current         • of I-trip / Full-scale value       A         • for N-conductor protection / initial value       A			
<ul> <li>for auxiliary contacts</li> <li>Suitability</li> <li>Suitability for use</li> <li>Suitabile parameters</li> <li>Adjustable parameters</li> <li>of I-trip / Full-scale value</li> <li>for N-conductor protection / initial value</li> <li>A</li> <li>B</li> <li>B&lt;</li></ul>			
Suitability       system protection         • Suitability for use       system protection         Adjustable parameters       Adjustable response value current         • of I-trip / Full-scale value       A         • for N-conductor protection / initial value       A			0
Suitability for use system protection  Adjustable parameters  Adjustable response value current      of I-trip / Full-scale value     for N-conductor protection / initial value     A			
Adjustable parameters       Adjustable response value current       • of I-trip / Full-scale value       A       10       • for N-conductor protection / initial value       A			
Adjustable response value current     A       • of I-trip / Full-scale value     A     10       • for N-conductor protection / initial value     A     0	Suitability for use		system protection
• of I-trip / Full-scale value       A       10         • for N-conductor protection / initial value       A       0	Adjustable parameters		
• for N-conductor protection / initial value A 0	Adjustable response value current		
	<ul> <li>of I-trip / Full-scale value</li> </ul>	А	10
for N-conductor protection / Full-scale value     A     0	<ul> <li>for N-conductor protection / initial value</li> </ul>	А	0
	<ul> <li>for N-conductor protection / Full-scale value</li> </ul>	А	0

Adjustable response value current / of the current-	А	1
dependent overload release / initial value		
Appearance		
Product details		
Product component		
Trip indicator		No
• display		No
Voltage trigger		No
undervoltage release		No
<ul> <li>undervoltage release with leading contact</li> </ul>		No
Product property		
• for neutral conductors /		No
upgradeable/retrofittable / Short-circuit and		
overload proof		
Product expansion		
• optional		
— motor drive		No
Product function		
Product function		
<ul> <li>Intrinsic device protection</li> </ul>		Yes
<ul> <li>communication function</li> </ul>		No
<ul> <li>Phase failure detection</li> </ul>		No
• other measurement function		No
Accessories		
Manufacturer article number / of the supplied basic		3VA1020-4ED32-0AA0
switch		
switch Ghort circuit		
switch Short circuit Operational short-circuit current breaking capacity		
switch Short circuit Operational short-circuit current breaking capacity (Ics)		
switch Short circuit Operational short-circuit current breaking capacity (Ics) • at 240 V / Rated value	kA	55
switch Short circuit Operational short-circuit current breaking capacity (Ics) • at 240 V / Rated value • at 415 V / Rated value	kA	55 36
switch Short circuit Operational short-circuit current breaking capacity (Ics) • at 240 V / Rated value • at 415 V / Rated value • at 440 V / Rated value	kA kA	55 36 25
switch Short circuit Operational short-circuit current breaking capacity (Ics) • at 240 V / Rated value • at 415 V / Rated value • at 440 V / Rated value • at 500 V / Rated value	kA kA kA	55 36 25 15
switch Short circuit Operational short-circuit current breaking capacity (Ics) • at 240 V / Rated value • at 415 V / Rated value • at 440 V / Rated value • at 500 V / Rated value • at 690 V / Rated value	kA kA	55 36 25
switch Short circuit Operational short-circuit current breaking capacity (Ics) • at 240 V / Rated value • at 415 V / Rated value • at 440 V / Rated value • at 500 V / Rated value • at 690 V / Rated value • at 690 V / Rated value	kA kA kA kA	55 36 25 15 5
switch Short circuit Operational short-circuit current breaking capacity (Ics) • at 240 V / Rated value • at 415 V / Rated value • at 440 V / Rated value • at 500 V / Rated value • at 690 V / Rated value • at 240 V / Rated value • at 240 V / Rated value	kA kA kA kA	55 36 25 15 5 55
switch Short circuit Operational short-circuit current breaking capacity (Ics) • at 240 V / Rated value • at 415 V / Rated value • at 440 V / Rated value • at 500 V / Rated value • at 690 V / Rated value • at 690 V / Rated value	kA kA kA kA kA	55 36 25 15 5 5 5 36
switch Short circuit Operational short-circuit current breaking capacity (Ics) • at 240 V / Rated value • at 415 V / Rated value • at 440 V / Rated value • at 500 V / Rated value • at 690 V / Rated value • at 240 V / Rated value • at 240 V / Rated value	kA kA kA kA kA kA	55 36 25 15 5 5 5 36 25
switch Short circuit Operational short-circuit current breaking capacity (Ics) • at 240 V / Rated value • at 415 V / Rated value • at 440 V / Rated value • at 500 V / Rated value • at 690 V / Rated value • at 690 V / Rated value • at 240 V / Rated value • at 240 V / Rated value	kA kA kA kA kA	55 36 25 15 5 5 5 36

• at 240 V / Rated value	kA	121		
• at 415 V / Rated value	kA	75.6		
• at 690 V / Rated value	kA	11.9		
Connections				
Arrangement of electrical connectors				
<ul> <li>for main current circuit</li> </ul>		Front termi	nal	
Type of connectable conductor cross-section				
<ul> <li>for flat-bar terminal connection / minimum</li> </ul>	n	12 x 0		
<ul> <li>for flat-bar terminal connection / maximum</li> </ul>	m	17 x 6.5		
Design of the electrical connection				
<ul> <li>for main current circuit</li> </ul>		Lug termina	Lug terminal	
lechanical Design				
Height	mm	130		
Width	mm	76.2		
Depth		70		
Mounting type		fixed moun	iting	
nvironmental conditions				
Ambient temperature				
<ul> <li>during operation / minimum</li> </ul>	°C	-25		
<ul> <li>during operation / maximum</li> </ul>	°C	70		
<ul> <li>during storage / minimum</li> </ul>	°C	-40		
<ul> <li>during storage / maximum</li> </ul>	°C	80		
Certificates				
Reference code				
• acc. to DIN EN 61346-2		Q		
• acc. to DIN EN 81346-2		Q		
General Product Approval EN	MC	Declaration of Conformity	Shipping Approval	other
стар рар	other	"		other
			[GL®]	

Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/lowvoltage/catalogs

Industry Mall (Online ordering system) https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/3VA10204ED320AA0

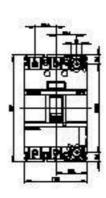
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) http://support.automation.siemens.com/WW/view/en/3VA10204ED320AA0/all

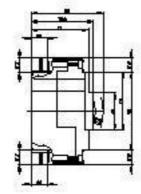
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3VA10204ED320AA0

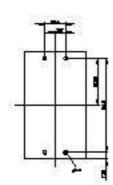
## CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications http://ausschreibungstexte.siemens.com/tiplv







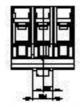


Figure similar

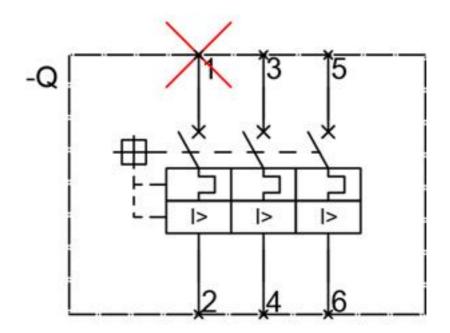


Figure similar

last modified:

21.10.2014