## **SIEMENS**

## Datasheet

## 3VA1132-3GF42-0AA0



CIRCUIT BREAKER 3VA1 IEC FRAME 160 BREAKING CAPACITY CLASS N ICU=25KA @ 415 V 4-POLE, LINE PROTECTION TM240, ATAM, IN=32A OVERLOAD PROTECTION IR=22,4A ...32A SHORT CIRCUIT PROTECTION II=5 X IN NEUTRAL PROTECTION 100% BUSBAR CONNECTION

Figure similar

Vlodel		
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		TM240
General technical data	_	
Number of poles		4
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
√oltage		
Insulation voltage		
Rated value	V	800

Protective function of the overcurrent release     LI       Switching capacity     N       Switching capacity class of the circuit breaker     N       Dissipation     V     10.6       Active power loss • maximum     W     10.6       Electricity     V     00.6       Operating current / lat 45 °C / Rated value     A     32       Continuous current / Rated value / maximum     A     160       Continuous current / Rated value / maximum     A     32       Adjustable response value current • Rated value     A     32       of the current-dependent overload release / Full-scale value     A     1       • of the circuit release / initial value     G     1       Operating voltage     U     600       Operating voltage     U     600       • of the circuit aute     V     690       • of the circuit aute     A     32       • of the circuit aute     V     690       • of the circuit aute     A     32       • of the circuit aute     A     32       • of the circuit aute     V     690       • of the circuit aute     A     32       • of the full aute     A     32       • of the full aute     A     32       • of the full aute     A </th <th>Protection class</th> <th></th> <th></th>	Protection class		
Switching capacity class of the circuit breaker     N       Dissipation     Active power loss     Imaximum       Active power loss     Imaximum     V     10.6       Imaximum     W     10.6       Continuous current / at 45 °C / Rated value     A     32       Continuous current     A     160       Continuous current     A     10.6       Adjustable response value current     A     32       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     G     1200       Main circuit     g     1200       Main circuit     G     690       • of the current-dependent overload release / Full-scale value     A     32       • of the instantaneous short-circuit release / initial value     A     5       • of the instantaneous short-circuit release / initial value     A     5       • of the instantaneous short-circuit release / initial value     A     5       • of the instantaneous short-circuit release / initial value     A     5       • of the instantaneous short-circuit release / initial value     A     32       • of the instantaneous short-circuit release / initial value     A     32 <td< td=""><td></td><td></td><td>LI</td></td<>			LI
Switching capacity class of the circuit breaker     N       Dissipation     Active power loss     Imaximum       Active power loss     Imaximum     V     10.6       Imaximum     W     10.6       Continuous current / at 45 °C / Rated value     A     32       Continuous current     A     160       Continuous current     A     10.6       Adjustable response value current     A     32       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     G     1200       Main circuit     g     1200       Main circuit     G     690       • of the current-dependent overload release / Full-scale value     A     32       • of the instantaneous short-circuit release / initial value     A     5       • of the instantaneous short-circuit release / initial value     A     5       • of the instantaneous short-circuit release / initial value     A     5       • of the instantaneous short-circuit release / initial value     A     5       • of the instantaneous short-circuit release / initial value     A     32       • of the instantaneous short-circuit release / initial value     A     32 <td< td=""><td>Cuttaking approxity</td><td>_</td><td></td></td<>	Cuttaking approxity	_	
Dissipation         Active power loss       W       10.6         Electricity       V       10.6         Operating current / at 45 °C / Rated value       A       32         Continuous current       A       160       Continuous current         • Rated value       A       32         Adjustable response value current       A       32         • of the current-dependent overload release / Full-scale value       A       5         • of the instantaneous short-circuit release / initial value       A       5         Net weight       g       1 200         Main circuit       A       32         Operating ourent       A       32         • with AC / at 50/60 Hz / Rated value       V       690         • for D C / Rated value       A       32         • at 40 °C / Rated value       A       32         • at 50 °C / Rated value       A       32         • at 60 °C / Rated value       A       32         • at 60 °C / Rated value       A       30         Autiliary circuit       A       30         Operating ourent       A       30         • at 60 °C / Rated value       A       32         • at 60 °C / Rated va		_	N
Active power loss     W     10.6          • maximum      W     10.6           Electricity <ul> <li>Operating current / at 45 °C / Rated value</li> <li>A</li> <li>160</li> <li>Continuous current       </li> <li>Rated value</li> <li>A</li> <li>32</li> <li>Adjustable response value current       </li> <li>of the current-dependent overload release /         <ul> <li>Adjustable response value current</li> <li>of the current-dependent overload release /             <ul> <li>a</li> <li>1</li> <li>Full-scale value</li> <li>of the instantaneous short-circuit release / initial             value</li> <li>a</li> <li>5</li> </ul> </li> <li>Net weight         <ul> <li>g</li> <li>1200</li> </ul> </li> <li>Main circuit</li> <li>A</li> <li>5</li> </ul> </li> <li>Met weight         <ul> <li>g</li> <li>1200</li> </ul> </li> <li>Main circuit</li> <li>Operating voltage         <ul> <li>outent AC / at 50/60 Hz / Rated value</li> <li>V</li> <li>600</li> <li>Operating current             <ul> <li>at 40 °C / Rated value</li> <li>A</li> <li>32</li> <li>at 50 °C / Rated value</li> <li>A</li> <li>at 65 °C / Rated value</li> <li>A</li> <li>30</li> <li>at 65 °C / Rated value</li> <li>A</li> <li>30</li> </ul> </li> <li>At 65 °C / Rated value</li> <li>A</li> <li>30</li> <li>at 65 °C / Rated value</li> <li>A</li> <li>30</li> </ul> </li> <li>A</li></ul>			
• maximumW10.8ElectricityOperating ourrent / at 45 °C / Rated valueA32Continuous current / Rated value / maximumA100Continuous current / • Rated value /A32Adjustable response value current • of the current-dependent overload release / Full-scale valueA32Adjustable response value current • of the instantaneous short-circuit release / initial valueA5Net weightg1 200Main circuit5Operating outrage • with AC / at 50/60 Hz / Rated valueV690Operating outrage • for DC / Rated valueV690Operating outrage • at 50 °C / Rated valueA32At 50 °C / Rated valueA32• at 60 °C / Rated valueA32• at 60 °C / Rated valueA32• at 50 °C / Rated valueA32• at 50 °C / Rated valueA30• at 60 °C / Rated valueA30• at 70 °C / Rated valueA30• at 70 °C / Rated valueA30• for auxiliary contactsI• for uzblityII• Suitabili			
Electricity     Production       Continuous current / at 45 °C / Rated value     A     32       Continuous current     A     160       Continuous current     A     32       Adjustable response value current     A     32       Adjustable response value current     A     32       • of the current-dependent overload release / Full-scale value     A     1       • of the current-dependent overload release / Full-scale value     A     5       • of the instantaneous short-circuit release / initial value     B     5       Value     g     1 200       Main circuit     Operating voltage     V     690       • of DC / Rated value     V     690       • for DC / Rated value     A     32       • at 40 °C / Rated value     A     32       • at 50 °C / Rated value     A     31.04       • at 50 °C / Rated value     A     30       • at 50 °C / Rated value     A     30       • at 50 °C / Rated value     A     30       • at 60 °C / Cated value     A     30       • at 60 °C / Cated value     A     30       • at 60 °C / Rated value     A     30       • at 60 °C / Rated value     A     30       • at 65 °C / Rated value     A     30	Active power loss		
Operating current / at 45 °C / Rated value     A     32       Continuous current / Rated value / maximum     A     160       Continuous current     A     32       Adjustable response value current     A     32       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     5       • with AC / at 50/60 Hz / Rated value     V     690       • of DC / Rated value     V     690       • of DC / Rated value     A     32       • at 50 °C / Rated value     A     32       • at 60 °C / Rated value     A     32       • at 60 °C / Rated value     A     32       • at 60 °C / Rated value     A     32       • at 60 °C / Rated value     A     32       • at 60 °C / Rated value     A     31       • at 60 °C / Rated value     A     30       • at 70 °C / Rated value     A     30       • at 70 °C / Rated value     A     30       • at 70 °C / Rated value     B     30       • at 70 °C / Rated value     A     30       • for auxiliary contacts     0       • Suitability     Suitability for use	• maximum	W	10.6
Continuous current / Rated value / maximum       A       160         Continuous current       Rated value       A       32         Adjustable response value current       A       32         Adjustable response value current       A       1         • of the current-dependent overload release / initial value       A       5         • of the instantaneous short-circuit release / initial value       G       1 200         Net weight       g       1 200         Main circuit       V       690         Operating voltage       V       600         • for DC / Rated value       V       600         Operating current       A       32         • at 40 °C / Rated value       A       32         • at 50 °C / Rated value       A       32         • at 50 °C / Rated value       A       31.04         • at 60 °C / Rated value       A       30         • at 65 °C / Rated value       A       30         • at 65 °C / Rated value       A       30         • at 65 °C / Rated value       A       30         • at 65 °C / Rated value       A       30         • at 65 °C / Rated value       A       30         • for N-conducts       0	Electricity		
Continuous current       A       32         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       5         • Net weight       g       1 200         Main circuit       g       1 200         Main circuit       V       690         Operating voltage       V       690         • with AC / at 50/60 Hz / Rated value       V       600         Operating current       V       600         • for DC / Rated value       A       32         • at 40 °C / Rated value       A       32         • at 50 °C / Rated value       A       31.04         • at 55 °C / Rated value       A       30         • at 55 °C / Rated value       A       30         • at 65 °C / Rated value       A       30         • at 70 °C / Rated value       A       30         • at 70 °C / Rated value       0       0         Suitability for use       o       o         • for auxiliary contects       0       0         Suitability for use       system protection         • of 1-t	Operating current / at 45 °C / Rated value	А	32
• Rated valueA32Adjustable response value current • of the current-dependent overload release / Full-scale valueA1• of the current-dependent overload release / Full-scale valueA5• of the instantaneous short-circuit release / initial valueA5• Net weightg1 200MetweightOperating voltage • for DC / Rated valueV690• for DC / Rated valueV600• of DC / Rated valueA32• at 40 °C / Rated valueA32• at 50 °C / Rated valueA31• at 65 °C / Rated valueA30• at 65 °C / Rated valueA30• at 65 °C / Rated valueA30• at 70 °C / Rated valueA30• at 70 °C / Rated valueA30• for auxiliary contacts0Suitability for usesuitability for useAdjustable parametersAdjustable response value current • of I-trip / Full-scale valueA10• for N-conductor protection / initial valueA100	Continuous current / Rated value / maximum	А	160
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       5         Net weight       g       1 200         Main circuit       A       5         Operating voltage       V       690         • with AC / at 50/60 Hz / Rated value       V       690         • for DC / Rated value       V       600         Operating current       V       600         • at 40 °C / Rated value       A       32         • at 50 °C / Rated value       A       32         • at 50 °C / Rated value       A       31.04         • at 60 °C / Rated value       A       30         • at 60 °C / Rated value       A       30         • at 65 °C / Rated value       A       30         • at 65 °C / Rated value       A       30         • at 70 °C / Rated value       A       30         • at 70 °C / Rated value       A       30         • for auxiliary contacts       0       0         Suitability       system protection       system protection         • of I-trip / Full-scale value       A	Continuous current	_	
• of the current-dependent overload release / Full-scale valueA1• of the instantaneous short-circuit release / initial valueA5Net weightg1 200Main circuitV690Operating voltageV690• with AC / at 50/60 Hz / Rated valueV690• for DC / Rated valueV690• for DC / Rated valueV600Operating currentImage: Control of	Rated value	А	32
Full-scale value       A       5         • of the instantaneous short-circuit release / initial value       g       1 200         Met weight       g       1 200         Main circuit       V       690         Operating voltage       V       690         • with AC / at 50/60 Hz / Rated value       V       690         • for DC / Rated value       V       600         Operating current       V       600         • at 40 °C / Rated value       A       32         • at 50 °C / Rated value       A       32         • at 50 °C / Rated value       A       31.04         • at 65 °C / Rated value       A       30         • at 65 °C / Rated value       A       30         • at 65 °C / Rated value       A       30         • at 70 °C / Rated value       A       30         • at 70 °C / Rated value       A       30         • for auxiliary contacts       0       0         Suitability       system protection         • Suitability for use       system protection         Adjustable response value current       A       10         • of 1-trip / Full-scale value       A       100	Adjustable response value current		
• of the instantaneous short-circuit release / initial value       A       5         Net weight       g       1 200         Main circuit       Operating voltage       Image: Circuit V Circuit Patted value       V       690         • with AC / at 50/60 Hz / Rated value       V       690       600         Operating current       V       600       600         • at 40 °C / Rated value       A       32       32         • at 40 °C / Rated value       A       32       32         • at 50 °C / Rated value       A       31.04       34         • at 60 °C / Rated value       A       30       30         • at 65 °C / Rated value       A       30       30         • at 65 °C / Rated value       A       30       30         • at 70 °C / Rated value       A       30       30         • at 70 °C / Rated value       A       30       30         Suitability for use       system protection       5       5/tdtability for use         • for auxiliary contacts       0       0       5/tdtability for use       5/tdtability for use <td< td=""><td><ul> <li>of the current-dependent overload release /</li> </ul></td><td>А</td><td>1</td></td<>	<ul> <li>of the current-dependent overload release /</li> </ul>	А	1
value     g     1 200       Main circuit     g     1 200       Operating voltage     g     690       • with AC / at 50/60 Hz / Rated value     V     690       • for DC / Rated value     V     600       Operating current	Full-scale value		
Net weight     g     1 200       Main circuit       Operating voltage     vith AC / at 50/60 Hz / Rated value     V     690       • with AC / at 50/60 Hz / Rated value     V     690       • for DC / Rated value     V     690       Operating current     vith ad 0° C / Rated value     A     32       • at 40 °C / Rated value     A     32       • at 40 °C / Rated value     A     32       • at 40 °C / Rated value     A     32       • at 50 °C / Rated value     A     31.04       • at 60 °C / Rated value     A     30       • at 60 °C / Rated value     A     30       • at 65 °C / Rated value     A     30       • at 65 °C / Rated value     A     30       • at 65 °C / Rated value     A     30       • at 70 °C / Rated value     A     30       • bit ability contacts     0       Suitability     Suitability for use     System protection       • Suitability for use     System protection       Adjustable response value current     A     10       • for N-conductor protection / initial value     A     100	<ul> <li>of the instantaneous short-circuit release / initial</li> </ul>	А	5
Main circuit         Operating voltage       V       690         • with AC / at 50/60 Hz / Rated value       V       690         • for DC / Rated value       V       600         Operating current	value		
Operating voltage       V       690         • with AC / at 50/60 Hz / Rated value       V       600         • for DC / Rated value       V       600         Operating current	Net weight	g	1 200
with AC / at 50/60 Hz / Rated valueV690• for DC / Rated valueV600Operating current-• at 40 °C / Rated valueA32• at 50 °C / Rated valueA32• at 50 °C / Rated valueA31.04• at 60 °C / Rated valueA31• at 60 °C / Rated valueA30• at 70 °C / Rated valueA30• difference00Suitability-system protection• for auxiliary contacts0-Adjustable parameters-system protectionAdjustable response value currentA10• of I-trip / Full-scale valueA100	Main circuit		
Instruct of the origination originat	Operating voltage		
Operating current     A     32       • at 40 °C / Rated value     A     32       • at 50 °C / Rated value     A     32       • at 55 °C / Rated value     A     31.04       • at 60 °C / Rated value     A     31       • at 65 °C / Rated value     A     30       • at 65 °C / Rated value     A     30       • at 70 °C / Rated value     A     30       Auxiliary circuit     A     30       Number of CO contacts     0       • for auxiliary contacts     0       Suitability     system protection       Adjustable parameters     A     10       Adjustable response value     A     100	<ul> <li>with AC / at 50/60 Hz / Rated value</li> </ul>	V	690
• at 40 °C / Rated valueA32• at 50 °C / Rated valueA32• at 50 °C / Rated valueA31.04• at 60 °C / Rated valueA31• at 65 °C / Rated valueA30• at 65 °C / Rated valueA30• at 70 °C / Rated valueA30• at 70 °C / Rated valueA30• for auxiliary contacts0Suitability for use• for auxiliary contactsoAdjustable parameterssystem protectionAdjustable response value current • of 1-trip / Full-scale valueA10• for N-conductor protection / initial valueA100	<ul> <li>for DC / Rated value</li> </ul>	V	600
A to be induce tableA32• at 50 °C / Rated valueA31.04• at 55 °C / Rated valueA31.04• at 60 °C / Rated valueA31• at 65 °C / Rated valueA30• at 65 °C / Rated valueA30• at 70 °C / Rated valueA30• at 70 °C / Rated valueA30• for auxiliary circuitImage: Second s	Operating current	_	
• at 55 °C / Rated value       A       31.04         • at 60 °C / Rated value       A       31         • at 60 °C / Rated value       A       30         • at 65 °C / Rated value       A       30         • at 70 °C / Rated value       A       30         • at 70 °C / Rated value       A       30         • at 70 °C / Rated value       A       30         • at 70 °C / Rated value       A       30         Auxiliary circuit       A       30         Auxiliary contacts       0       0         Suitability       System protection         • Suitability for use       system protection         Adjustable parameters       Adjustable response value current         • of I-trip / Full-scale value       A       10         • for N-conductor protection / initial value       A       100	• at 40 °C / Rated value	А	32
• at 60 °C / Rated value       A       31         • at 65 °C / Rated value       A       30         • at 70 °C / Rated value       A       30         • at 70 °C / Rated value       A       30         Auxiliary circuit       A       30         Auxiliary contacts       0       0         Suitability       • for auxiliary contacts       0         Suitability       • system protection         Adjustable parameters       Adjustable response value current         • of I-trip / Full-scale value       A       10         • for N-conductor protection / initial value       A       100	● at 50 °C / Rated value	А	32
• at 65 °C / Rated valueA30• at 70 °C / Rated valueA30Auxiliary circuitA30Auxiliary contacts0• for auxiliary contacts0Suitabilitysystem protectionAdjustable parameterssystem protectionAdjustable response value currentA10• for N-conductor protection / initial valueA100	● at 55 °C / Rated value	А	31.04
• at 70 °C / Rated valueA30Auxiliary circuitImage: Auxiliary circuitNumber of CO contacts • for auxiliary contacts0Suitability0Suitabilitysystem protectionAdjustable parametersImage: Auxiliary circuitAdjustable response value current • of I-trip / Full-scale valueA10Adjustable response valueA100	● at 60 °C / Rated value	А	31
Auxiliary circuit         Number of CO contacts       0         • for auxiliary contacts       0         Suitability       • Suitability for use         • 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	30
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 70 °C / Rated value	А	30
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			
• for auxiliary contacts0SuitabilitySuitability for usesystem protection• Suitable parameterssystem protectionAdjustable parametersAdjustable response value current • of I-trip / Full-scale valueA• of I-trip / Full-scale valueA10• for N-conductor protection / initial valueA100			
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
Adjustable parameters       Adjustable response value current       • of I-trip / Full-scale value       • for N-conductor protection / initial value       A       100	Suitability		
Adjustable response value current     A       • of I-trip / Full-scale value     A     10       • for N-conductor protection / initial value     A     100	<ul> <li>Suitability for use</li> </ul>		system protection
• of I-trip / Full-scale valueA10• for N-conductor protection / initial valueA100	Adjustable parameters		
for N-conductor protection / initial value     A     100	Adjustable response value current		
	<ul> <li>of I-trip / Full-scale value</li> </ul>	А	10
for N-conductor protection / Full-scale value     A     100	<ul> <li>for N-conductor protection / initial value</li> </ul>	А	100
	<ul> <li>for N-conductor protection / Full-scale value</li> </ul>	А	100

Adjustable response value current / of the current- dependent overload release / initial value	А	0.7
-		
Appearance		
Product details	_	
Product component		
Trip indicator		No
• display		No
<ul> <li>Voltage trigger</li> </ul>		No
<ul> <li>undervoltage release</li> </ul>		No
<ul> <li>undervoltage release with leading contact</li> </ul>		No
Product property	-	
<ul> <li>for neutral conductors / upgradeable/retrofittable / Short-circuit and overload proof</li> </ul>		No
Product expansion	_	
• optional		
— motor drive		Yes
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
<ul> <li>other measurement function</li> </ul>		No
Accessories	-	
Manufacturer article number / of the supplied basic switch		3VA1132-3GF42-0AA0
Short circuit		
Operational short-circuit current breaking capacity		
(lcs)		
• at 240 V / Rated value	kA	36
at 240 V / Rated value	kA kA	36 25
• at 415 V / Rated value	kA	25
<ul> <li>at 415 V / Rated value</li> <li>at 440 V / Rated value</li> </ul>	kA kA	25 16
<ul> <li>at 415 V / Rated value</li> <li>at 440 V / Rated value</li> <li>at 500 V / Rated value</li> </ul>	kA kA kA	25 16 8
<ul> <li>at 415 V / Rated value</li> <li>at 440 V / Rated value</li> <li>at 500 V / Rated value</li> <li>at 690 V / Rated value</li> </ul>	kA kA	25 16
<ul> <li>at 415 V / Rated value</li> <li>at 440 V / Rated value</li> <li>at 500 V / Rated value</li> <li>at 690 V / Rated value</li> </ul> Maximum short-circuit current breaking capacity (Icu)	kA kA kA kA	25 16 8 5
<ul> <li>at 415 V / Rated value</li> <li>at 440 V / Rated value</li> <li>at 500 V / Rated value</li> <li>at 690 V / Rated value</li> </ul> Maximum short-circuit current breaking capacity (Icu) <ul> <li>at 240 V / Rated value</li> </ul>	kA kA kA kA kA	25 16 8 5 36
<ul> <li>at 415 V / Rated value</li> <li>at 440 V / Rated value</li> <li>at 500 V / Rated value</li> <li>at 690 V / Rated value</li> </ul> Maximum short-circuit current breaking capacity (Icu) <ul> <li>at 240 V / Rated value</li> <li>at 415 V / Rated value</li> </ul>	kA kA kA kA kA	25 16 8 5 36 25
<ul> <li>at 415 V / Rated value</li> <li>at 440 V / Rated value</li> <li>at 500 V / Rated value</li> <li>at 690 V / Rated value</li> </ul> Maximum short-circuit current breaking capacity (Icu) <ul> <li>at 240 V / Rated value</li> <li>at 415 V / Rated value</li> <li>at 440 V / Rated value</li> </ul>	kA kA kA kA kA kA	25 16 8 5 36 25 16
<ul> <li>at 415 V / Rated value</li> <li>at 440 V / Rated value</li> <li>at 500 V / Rated value</li> <li>at 690 V / Rated value</li> </ul> Maximum short-circuit current breaking capacity (Icu) <ul> <li>at 240 V / Rated value</li> <li>at 415 V / Rated value</li> </ul>	kA kA kA kA kA	25 16 8 5 36 25

• at 240 V / Rated value	kA	75.6		
• at 415 V / Rated value	kA	52.5		
• at 690 V / Rated value	kA	7.5		
Connections				
Arrangement of electrical connectors				
<ul> <li>for main current circuit</li> </ul>		Front termin	al	
Type of connectable conductor cross-section				
<ul> <li>for flat-bar terminal connection / minimum</li> </ul>		12 x 0		
<ul> <li>for flat-bar terminal connection / maximum</li> </ul>		17 x 6.5		
Design of the electrical connection				
• for main current circuit		Lug terminal		
lechanical Design				
Height	mm	130		
Width	mm	101.6		
Depth	mm	70		
Mounting type		fixed mounting		
Invironmental 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 EMC		eclaration of onformity	Shipping Approval	other
	ther			other
	(	F	GL	

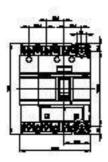
Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/lowvoltage/catalogs

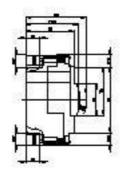
Industry Mall (Online ordering system) https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/3VA11323GF420AA0

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) http://support.automation.siemens.com/WW/view/en/3VA11323GF420AA0/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3VA11323GF420AA0

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





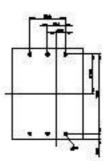




Figure similar

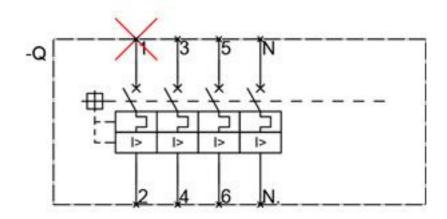


Figure similar

last modified:

21.10.2014