SIEMENS

Product data sheet

3VA2163-5JQ32-0AA0



CIRCUIT BREAKER 3VA2 IEC FRAME 160 BREAKING CAPACITY CLASS M ICU=55KA @ 415 V 3POLE, LINE PROTECTION ETU560, LSIG, IN=63A OVERLOAD PROTECTION IR=25A ...63A SHORT CIRCUIT PROTECTION ISD=0,6..10X IN, II=1,5..12X IN NEUTRAL PROTECTION OPTIONAL WITH EXT. CT,UPTO 160% GROUNDFAULT, SWITCHABLE IG=0,2... 1 X IN, TG=0,050,8MS BUSBAR CONNECTION

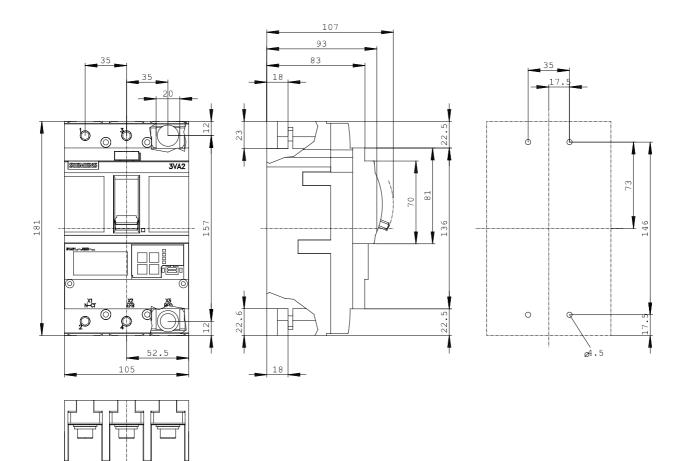
Similar to image

General technical data:		
product brand name		SENTRON
Product designation		Molded Case Circuit Breakers
Acceptability for application		system protection
Design of the product		Line Protection
Product function		
communication function		Yes
other measurement function		No
Product component / display		Yes
Design of the overcurrent release		ETU560
Protective function of the overcurrent release		LSIG
Product property / for zero conductors / up/downgradable / short-circuit and overload protection		Yes
Continuous current / rated value	А	63
Operating voltage		
• at 50/60 Hz / for AC / rated value	V	690
Insulation voltage / rated value	V	800
Number of poles		3
Active power loss / maximum	W	25.5

Christenia m Protection class iP / on the front IP40 Motor rating data: No Product function / phase disturbance recognition No Schaltvermögen: No Breaking capacity limit short-circuit current (lcu) KA • at 240 V / rated value KA 85 • at 415 V / rated value KA 55 • at 840 V / rated value KA 85 • at 840 V / rated value KA 85 • at 840 V / rated value KA 85 • at 840 V / rated value KA 85 • at 415 V / rated value KA 85 • at 415 V / rated value KA 187 • at 630 V / rated value KA 187 • at 640 V / rated value KA 187 • at 640 V / rated value KA 187 • at 640 V / rated value KA 187 • at 640 V / rated value KA 187 • at 640 V / rated value KA 187 • at 640 V / rated value KA 167	Switching capacity class of the circuit breaker	_	М
Motor rating data: No Product function / phase disturbance recognition No Schaltvermögen: Image: Comparison of the set			
Product function / phase disturbance recognition No Schaltverningen: Schaltverningen: Breaking capacity limit short-circuit current (Icu) KA 85 • at 240 V / rated value KA 85 • at 416 V / rated value KA 85 • at 240 V / rated value KA 85 • at 240 V / rated value KA 85 • at 240 V / rated value KA 85 • at 240 V / rated value KA 85 • at 240 V / rated value KA 85 • at 240 V / rated value KA 85 • at 415 V / rated value KA 187 • at 240 V / rated value KA 187 • at 415 V / rated value KA 187 • at 415 V / rated value KA 187 • at 415 V / rated value KA 187 • at 415 V / rated value KA 187 • at 610 V / rated value KA 15 Overcurrent Release: A 0.4 1 • of the non-delayed short-circuit release / initial value A </th <th></th> <th></th> <th>טד וו</th>			טד וו
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Breaking capacity limit short-circuit current (lcu) kA 85 • at 240 V / rated value kA 55 • at 800 V / rated value kA 2.5 Breaking capacity operating short-circuit current (lcs) - - • at 240 V / rated value kA 85 • at 240 V / rated value kA 85 • at 240 V / rated value kA 56 • at 240 V / rated value kA 2.5 Ultimate short-circuit current making capacity (lcm) - - • at 240 V / rated value kA 187 • at 415 V / rated value kA 187 • at 800 V / rated value kA 187 • at 415 V / rated value kA 187 • at 800 V / rated value kA 187 • at 800 V / rated value kA 121 • at 800 V / rated value A 0.4 1 • of the current-dependent overload release A 0.4 1 • of the current-dependent overload release A 0.6 10 Adjustable response current - - • with standard characteristic A <td< th=""><th>Product function / phase disturbance recognition</th><th></th><th>No</th></td<>	Product function / phase disturbance recognition		No
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• at 580 V / rated valueKA2.5Breaking capacity operating short-circuit current (ics)	• at 240 V / rated value	kA	85
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• with 12t characteristic s 0.050.8 Connections:	• with standard characteristic	S	0.05 0.8
Connections: Design of the electrical connection	with I2t characteristic	А	0.25 1
Design of the electrical connection	with I2t characteristic	S	0.05 0.8
	Connections:		
for main current circuit	Design of the electrical connection		
	for main current circuit		Lug Terminal

Number of changeover contacts • for auxiliary contacts Product component • undervoltage release mechanism • Voltage trigger • undervoltage release with leading contact • trip indicator Manufacturer article number • 3 of the integrated auxiliary switch /alarm switch • of integrated auxiliary trip Ambient conditions: Ambient temperature • during operating • during storage Oimensions and weights: Width mm Height mm		0
Product component • undervoltage release mechanism • Voltage trigger • undervoltage release with leading contact • trip indicator Manufacturer article number • 3 of the integrated auxiliary switch /alarm switch • of integrated auxiliary trip Ambient conditions: Armbient temperature • during operating • during storage Dimensions and weights: Width Height		0
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Dimensions and weights: Width Height	C	-25 +70
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Height mr		
-	m	105
Danth	m	181
Depth mr	m	107
Net weight g	I	2,290
Lebensdauer:		
Mechanical operating cycles as operating time / typical		20,000
Reference code / according to DIN EN 61346-2		Q
Certificates/approvals:		
Declaration of Conformity		
Further information:		
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/3VA2163-5J0	Q32-0A/	<u>A0</u>
Service&Support (Manuals, Certificates, Characteristics, FAQs,) http://support.automation.siemens.com/WW/view/en/3VA2163-5JQ32-0AA0/al	1	
Image database (product images, 2D dimension drawings, 3D models, de http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA2163-5JQ3	vice cir	
CAx-Online-Generator		

http://www.siemens.com/cax



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last change:

May 14, 2014