SIEMENS

Data sheet

3VA2063-8JQ36-0AA0



CIRCUIT BREAKER 3VA2 IEC FRAME 100 BREAKING CAPACITY CLASS L ICU=150KA @ 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 CABLE CONNECTION

Figure similar

Model		
product brand name		SENTRON
Product designation		Molded case circuit breaker
Design of the product		Line protection
Product variations		Selective Applications
Ground fault monitoring version		Summation current formation L-conductor
Design of the auxiliary release		without auxiliaryrelease
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		ETU560
General technical data		
Number of poles		3
Trip class / of the L-trip / with I2t characteristic / initial value		0.5
Trip class / of the L-trip / with I2t characteristic / Full- scale value		25
Electrical endurance (switching cycles)		
• at AC-1 / at 380/415 V / at 50/60 Hz		12 000
Total disconnection time / for G-tripping / with standard characteristic / initial value	S	0.05
Total disconnection time / for G-tripping / with	S	0.8
standard characteristic / Full-scale value		
circuit-breaker / Design		3VA
Mechanical service life (switching cycles) / typical		20 000

Protection class Protection class IP Protection class IP / on the front Protective function of the overcurrent release	V	800 IP40 IP40 LSIG
Protection class IP Protection class IP / on the front Protective function of the overcurrent release		IP40
Protection class IP Protection class IP / on the front Protective function of the overcurrent release		IP40
Protection class IP / on the front Protective function of the overcurrent release		IP40
Protective function of the overcurrent release		
		2313
Switching capacity		
Switching capacity class of the circuit breaker		L
Dissipation		
Active power loss		
• maximum	W	3
Electricity		
	A	100
	A	63
Adjustable response value current / of the	A	1.5
instantaneous short-circuit release / initial value		
Main circuit		
Operating voltage	_	
	V	690
Operating current		
 at 40 °C / Rated value 	A	63
● at 50 °C / Rated value	A	63
● at 60 °C / Rated value	A	63
• at 65 °C / Rated value	A	63
• at 70 °C / Rated value	A	63
	_	
Auxiliary circuit Number of NC contacts / for auxiliary contacts	_	0
Number of NO contacts / for auxiliary contacts		0
		·
Suitability		
Suitability for use		system protection
Adjustable parameters		
Adjustable response value current		
 for G-tripping / with I2t characteristic / initial value 	A	0.25
 for G-tripping / with I2t characteristic / Full-scale value 	A	1
 for G-tripping / with standard characteristic / initial value 	A	0.25
 for G-tripping / with standard characteristic / Full-scale value 	A	1

 of I-trip / Full-scale value 	А	12
 of the short-time delayed short-circuit release / initial value 	A	0.6
 of the short-time delayed short-circuit release / Full-scale value 	A	10
 of S-trip / with standard characteristic / initial value 	A	0.6
 of S-trip / with standard characteristic / Full- scale value 	А	10
Adjustable delay time	-	
 for G-tripping / with I2t characteristic / initial value 	S	0.05
 for G-tripping / with I2t characteristic / Full-scale value 	S	0.8
 of S-trip / with I2t characteristic / initial value 	s	0.05
 of S-trip / with I2t characteristic / Full-scale value 	S	0.5
 of S-trip / with standard characteristic / initial value 	S	0.05
 of S-trip / with standard characteristic / Full- scale value 	S	0.5
Adjustable response value current / of the current- dependent overload release / initial value	A	0.4
Product details		
Product component		
Trip indicator		No
● display		Yes
 undervoltage release 		No
Product property	-	
 of the circuit breaker with tripping unit / Tripping characteristic adjustable 		Yes
 for neutral conductors / upgradeable/retrofittable / Short-circuit and overload proof 		Yes
Product expansion / optional / motor drive		Yes
Product function		
Product function		
 Intrinsic device protection 		Yes
communication function		Yes
 Phase failure detection 		No
		N

other measurement function

Accessories

No

Manufacturer article number / of the supplied basic switch

Short circuit		
Operational short-circuit current breaking capacity		
(Ics)		
• at 240 V / Rated value	kA	200
• at 415 V / Rated value	kA	150
• at 440 V / Rated value	kA	150
• at 500 V / Rated value	kA	100
• at 690 V / Rated value	kA	18
Maximum short-circuit current breaking capacity (Icu)	-	
• at 240 V / Rated value	kA	200
• at 415 V / Rated value	kA	150
• at 440 V / Rated value	kA	150
• at 500 V / Rated value	kA	100
• at 690 V / Rated value	kA	24
Short-circuit current making capacity (Icm)	-	
• at 240 V / Rated value	kA	440
• at 415 V / Rated value	kA	330
• at 440 V / Rated value	kA	330
• at 500 V / Rated value	kA	220
• at 690 V / Rated value	kA	48

Connections	
Arrangement of electrical connectors / for main	Front terminal
current circuit	
Type of connectable conductor cross-section	
 of the round conductor terminal / stranded 	1 x (6-120 mm²)
Type of electrical connection / for main current circuit	Box terminal

Mechanical Design				
Height	mm	181		
Width	mm	105		
Depth	mm	107		
Mounting type		fixed mounting		
Environmental conditions				
Ambient temperature				
	° C	05		

 during operation / minimum 	°C	-25
 during operation / maximum 	°C	70
 during storage / minimum 	°C	-40
 during storage / maximum 	°C	80

Certificates

Equipment marking

acc. to DINacc. to DIN			Q Q		
General Proc	luct Approval		EMC	Declaration of Conformity	Shipping Approval
	VDE	EHC	other	EG-Konf.	ĴÅ DNV DNV
Shipping Approval	other				
	other				



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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/3VA20638JQ360AA0

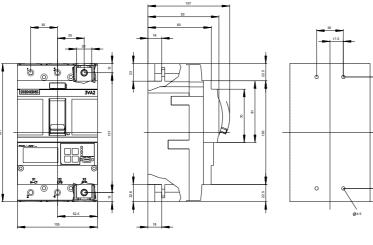
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) http://support.automation.siemens.com/WW/view/en/3VA20638JQ360AA0/all

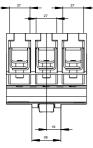
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA20638JQ360AA0

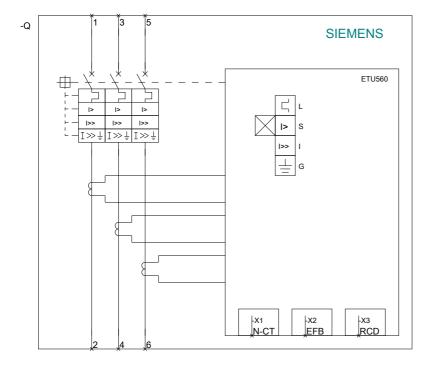
CAx-Online-Generator http://www.siemens.com/cax

Tender specifications

http://ausschreibungstexte.siemens.com/tiplv







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