GF20136U47



ROTARY CAM SWITCH GF SERIES, MULTI-STEP 0-1-2-3, 3 POLES 20A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

Product designation				Rotary cam
Ũ	1			switches
Product type designa General characteristi				GF20
Switching diagram				136 - Multi-step 0-1-2-3 3 poles
N° of elements				5
Mounting form				U47 - Snap on fron mounting with black handle for hole diam. 22mm finxing
Contact characteristic				
Rated insulation volta	ige Ui			
		IEC/EN UL/CSA	V V	480 240
Rated impulse withst			kV	4
Conventional free air	thermal current Ith			
		IEC/EN UL/CSA	A	20 15
Rated operational vo	Itage	UL/CSA	A V	480
Rated operational im	-		kV	4
	or short-circuit protection In (gG)			
		10kA	А	20
		15kA	А	20
		25kA	A	20
Rated short time curr	ent Icw			050
Conductivity		1s	kA	250 10/5 mA/V
Operational current le	e IEC/EN			10/3 111 / 10
oporational outront is	AC1/AC21A			
			А	20
	AC15			
		110V	А	10
		220/230V	А	8
Deted an exclanation of a		380/400V	A	6
Rated operational po	Three-phase AC-3			
	Thee-phase AC-5	220/230V	kW	3
		380/440V	kW	5
	Single-phase AC-3			
		110V	kW	0.5
		220/230V	kW	1.5
		380/440V	kW	2
	Three-phase AC23A			
		220/230V 380/440V	kW kW	4 7.5
	Single-phase AC23A	300/44UV	r v v	1.0
	Cingle phase Aczon	110V	kW	0.75
		220/230V	kW	2
		380/440V	kW	2.5
Rated operational cu				
	DC21A			
		4017	^	

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The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

48V

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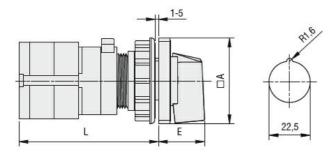
60V A 4 110V A 4 220V A 0.7 440V A 0.2 DC13 24V A 6 480V A 6 60V A 3 100V A 1 220V A 0.4 480V A 0.4 480V A 0.4 440V A 0.15 440V A 0.15 Power dissipation W 0.0.8 6 60V A 3 Terminals screw M3 100V A 1 20V A 0.5 Conductor size AWG - Rigid cable min AWG 20 Max AWG 12 AWG - Rigid cable min Mwc 20 Max AWG 12 AWG - Rigid cable min mm² 2.5 Max AWG 12 Conductor size (IEC) - Flexible cable min mm² 2.5 </th <th></th> <th></th> <th></th> <th></th> <th></th>					
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440V A 0.2 DC13 24V A 6 48V A 6 60V A 3 110V A 1 220V A 0.4 440V A 0.15 Power dissipation W 0.8 Mechanical features W 0.8 Terminals screw M3 1 Tightening torque for terminals max Nm 0.5 Conductor size AWG - Rigid cable Max AWG - Flexible cable min Mm² Max AWG 12 Conductor size (IEC) - Flexible cable min mm² Max mm² 2.5 Conductor size (IEC) - Rigid cable min mm² Max mm² 2.5 Mechanical life cycles 1x10* Uterchrical data mm² 2.5 Motor power for direct-on-line control for single-phase motor 240V HP 3 <td< td=""><td></td><td></td><td>-</td><td>А</td><td></td></td<>			-	А	
DC13 24V A 6 48V A 6 60V A 3 110V A 0.4 220V A 0.4 440V A 0.15 Power dissipation W 0.8 Mechanical features M3 Tightening torque for terminals max Nm 0.5 Conductor size AWG - Rigid cable Min AWG 20 Max AWG 12 AWG AWG 12 AWG - Flexible cable min AWG 20 Max AWG 12 AWG - Flexible cable min min AWG 20 Max AWG 12 Conductor size (IEC) - Flexible cable min mm² 0.5 Max m² 2.5 Conductor size (IEC) - Rigid cable min mm² 2.5 Max m² 2.5 110° UL technical data max ix10° 1 2.5 110° 110° 110°				А	
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$\begin{tabular}{ c c c c c } & 48V & A & 6\\ & 60V & A & 3\\ & 110V & A & 1\\ & 220V & A & 0.4\\ & 440V & A & 0.15\\ \hline \hline \\ \hline \\$		DC13			
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $				А	
$\begin{array}{c c c c c c c } & 110V & A & 1\\ & 220V & A & 0.4\\ & 440V & A & 0.15\\ \hline \hline Power dissipation & W & 0.8\\ \hline \hline \hline Mechanical features & & & & & \\ \hline \hline Terminals screw & & & & M3\\ \hline Tightening torque for terminals max & & Nm & 0.5\\ \hline \hline Conductor size & & & & \\ & & & & & \\ \hline AWG - Rigid cable & & & & \\ & & & & & & \\ \hline & & & & & & \\ & & & &$				А	
220V Å 0.4 440V Å 0.15 Power dissipation W 0.8 Mechanical features NM 0.5 Terminals screw M3 1 Tightening torque for terminals max Nm 0.5 Conductor size AWG - Rigid cable min AWG 20 Max AWG 12 MMX AWG 12 AWG - Flexible cable min mm2 0.5 Max Max AWG 12 MMX MWG 12 Conductor size (IEC) - Flexible cable min mm² 0.5 Max mm² 2.5 Conductor size (IEC) - Rigid cable min mm² 2.5 Conductor size (IEC) - Rigid cable min mm² 2.5 Conductor size (IEC) - Rigid cable Jule chrical dat Jule chrical cable Jule chrical cable Jule chrical cable Jule chrical cable Jule c				А	3
440V A 0.15 Power dissipation W 0.8 Mechanical features M3 Tightening torque for terminals max Nm 0.5 Conductor size AWG - Rigid cable Max AWG - Flexible cable min AWG 20 AWG - Flexible cable min AWG 20 Conductor size (IEC) - Flexible cable min mm² 0.5 Conductor size (IEC) - Flexible cable min mm² 0.5 Max mm² 0.5 Max mm² 0.5 Conductor size (IEC) - Flexible cable min mm² 0.5 Max mm² 0.5 Motor power for direct-on-line control for three-phase motor mm² 0.5 Max mm² 0.5 Motor power for direct-on-line control for three-phase motor 240V HP 3 10* Motor power for direct-on-line control for single-phase motor 240V HP 3 10* Temperature min °C -25 10* 10*				А	1
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$\begin{tabular}{ c c c c } \hline min & AWG & 20 \\ \hline Max & AWG & 12 \\ \hline \hline Conductor size (IEC) - Flexible cable & $$min mm^2 0.5$ \\ \hline Max mm^2 2.5$ \\ \hline \hline Conductor size (IEC) - Rigid cable & $$min mm^2 0.5$ \\ \hline Max mm^2 2.5$ \\ \hline \hline Mechanical life & $$0.5$ \\ \hline Max mm^2 2.5$ \\ \hline \hline Mechanical life & $$0.5$ \\ \hline Max mm^2 2.5$ \\ \hline \hline Mechanical life & $$0.5$ \\ \hline Max mm^2 2.5$ \\ \hline \hline Mechanical life & $$0.5$ \\ \hline Max mm^2 2.5$ \\ \hline \hline Mechanical life & $$$0.5$ \\ \hline \hline Max mm^2 2.5$ \\ \hline \hline Mechanical life & $$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$		AWG - Flexible cable			
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Mechanical life cycles 1x10° UL technical data Motor power for direct-on-line control Image: straight of three-phase motor Image: straight of three-phase motor Motor power for direct-on-line control for single-phase motor Image: straight of three-phase motor Image: straight of three-phase motor Ambient conditions Image: straight of three-phase motor Image: straight of three-phase motor Image: straight of three-phase motor Ambient conditions Image: straight of three-phase motor Image: straight of three-phase motor Image: straight of three-phase motor Temperature Operating temperature min °C -25 Motor goes temperature min °C -25 Storage temperature min °C -40 max °C +70 Resistance & Protection Image: straight of three motor Image: straight of three motor Frontal IP degree IP40 IP20					
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Ambient conditions Temperature Operating temperature min °C -25 max °C +55 Storage temperature min °C -40 max °C +70 Resistance & Protection Frontal IP degree IP40 Terminals IP degree IP20		for single-phase motor	o (o) (
Temperature Min °C -25 max °C +55 Storage temperature min °C +55 Storage temperature min °C +40 max °C +70 Resistance & Protection Frontal IP degree IP40 Terminals IP degree IP20			240V	HP	1
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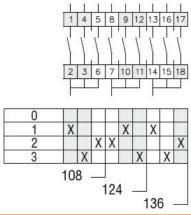


ROTARY CAM SWITCH GF SERIES, MULTI-STEP 0-1-2-3, 3 POLES 20A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM



Carries	Dimensions		L			
Series	□A	E	1	2	3	8
GF10	30	18.5	60	72	84	144
GF20	48	26.5	56	69.5	83	150.5

Wiring diagrams



Certifications and compliance

Compliance	
	CSA C22.2 n° 14
	IEC/EN/BS 60947-1
	IEC/EN/BS 60947-3
	IEC/EN/BS 60947-5-1
	UL60947-4-1
Certificates	
	cULus
	EAC
ETIM classification	

ETIM 8.0

EC001029 -Selector switch, complete

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