

GF2006O88 ROTARY CAM SWITCH GF SERIES, ON-OFF SWITCH 2 POLES 20A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE 48X48MM

Flood besignation switches Product type designation GF20 General characteristics 08 - ON/OFF Switching diagram 08 - ON/OFF N° of elements 1 Mounting form 088 - Rear Contact characteristics rounting with red/yellow handle potection ocovers Contact characteristics rounting with red/yellow handle potection ocovers Rated insulation voltage Ui IEC/EN V 480 Rated insulation voltage Uinp KV 4 Conventional free air thermal current Ith IEC/EN X 4 Conventional free air thermal current Ith IEC/EN X 4 Rated operational impulse voltage KV 4 A A Rated operational impulse voltage KV 4 A A Conductivity 10kA A 20 15kA A 20 Rated operational current I lcw 10 (GS) A 250 A A 20 Conductivity 10 (GS) A 20 A A 20<	Draduat designation				^B Rotary cam
General characteristics 06 - 0NOFF switch 2 poles Switching diagram 06 - 0NOFF switch 2 poles N° of elements 1 Mounting form 088. Rear mounting with red/yellow handle padlockable in 0, door coupling and protection covers Contact characteristics 1 Rated insulation voltage Uimp KV Rated insulation voltage Uimp KV Rated insulation voltage Uimp KV Rated operational impulse voltage V Rated operational impulse voltage KV Rated operational impulse voltage KV Rated operational impulse voltage KV Maximum fuse size for short-circuit protection In (gG) 10KA A 15KA A 20 15KA A 20 15KA A 20 15KA A 20 Conductivity 10/5 mA/V 0/5 mA/V Operational current lew 10 220/230V AC15 110V A AC15 110V A 380/4400V KW 5 <t< td=""><td>Product designation</td><td></td><td></td><td></td><td>switches</td></t<>	Product designation				switches
Switching diagram 06 - ON/OFF switch 2 poles N° of elements 1 N° of elements 1 Mounting form 088 - Rear mounting with padlockable in 0, door coupling and protection covers Rated insulation voltage Ui IEC/EN V Rated insulation voltage Uimp kV 4 Conventional free air thermal current lth IEC/EN A IEC/EN V 480 Rated operational voltage V 4 Maximum fuse size for short-circuit protection In (gG) V 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 20 Conductivity 1s A 250 100/5 mA/V Operational current le IEC/EN A 20 10/5 mA/V Operational current le EC/EN A 20 10/5 mA/V Operational current rew 10 220/230V A 8 380/400V A 6 10/5 mA/V 10 220/230V A 8 380/400V A 6 Rated operational cur					GF20
N° of elements 1 Mounting form 088 - Rear mounting with padlockable in 0, door coupling and protection covers Contact characteristics red/yellow handle padlockable in 0, door coupling and protection covers Rated insulation voltage Uin IEC/EN V 480 Conventional free air thermal current Ith IEC/EN A 20 Rated operational impulse voltage KV 4 Rated operational impulse voltage KV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 20 15KA A 20 15KA A 20 Rated short time current lcw 1s A 20 15KA A 20 Conductivity 1s A 250 Conductivity 10/5 mA/V Operational current le EC/EN A 8 380/400V A 6 Rated operational power in AC 220/230V A 8 380/440V KW 5 Single-phase AC-3 110V KW 3 380/440V KW 2 <td></td> <td></td> <td></td> <td></td> <td></td>					
Mounting form mounting with red/sellow handle padlockable in 0, door coupling and protection covers Contact characteristics iEC/EN V 480 Rated insulation voltage Uimp KV 4 Conventional free air thermal current Ith iEC/EN A 20 Rated operational voltage V 480 iEC/EN A 20 Rated operational voltage Uimp KV 4 iEC/EN A 20 Rated operational impulse voltage V 480 iEC/EN A 20 Rated operational impulse voltage KV 4 iEC/EN A 20 Rated short time current Icw 1s A 20 iEC/EN A 20 Conductivity 1s A 250 iO/fs mA/V Operational current IcW iO/fs mA/V Operational current Ic IEC/EN A 20 iEC/EN A 20 AC1/ 10/fs mA/V 0 iO/fs mA/V Operational current Ic iO/fs mA/V Operational current Ice IEC/EN A 10 iEC/EN iO/fs mA/V Operational current Ice AC-3 10/fs mA/V iEC/EN iEC/EN AC1/AC21A iEC/EN iEC/EN iEC/EN AC1/S 10/fs mA/V	N° of elements				
IEC/EN V 480 UL/CSA V 240 Rated impulse withstand voltage Uimp kV 4 Conventional Ifee air thermal current Ith IEC/EN A 20 Rated operational voltage V 480 Rated operational voltage V 480 Rated operational voltage KV 4 A 20 Maximum fuse size for short-circuit protection In (gG) 10kA A 20 Maximum fuse size for short-circuit protection In (gG) 10kA A 20 Stated short time current low 1s A 250 Conductivity 10/5 mA/V Operational current le IEC/EN A 20 AC1/AC21A 4 20 A 8 AC1/AC21A 4 10 220/230V A 8 Single-phase AC-3 110V A 10 220/230V KW 3 Single-phase AC-3 110V KW 0.5 220/230V KW 2 Three-phase AC23A 200/23		0			mounting with red/yellow handle padlockable in 0, door coupling and protection
IEC/EN V 480 UL/CSA V 240 Rated impulse withstand voltage Uimp KV 4 Conventional free air thermal current lth IEC/EN A 20 UL/CSA A 15 1 Rated operational voltage V 480 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 20 15kA A 20 15kA A 20 Rated short time current lcw 1s A 20 25kA A 20 Querational current le IEC/EN 10/5 mA/V 00/5 mA/V 00/5 mA/V 00/5 mA/V Operational current le IEC/EN 4 20 20/200/200/200/200/200/200/200/200/200/					
Conventional free air thermal current Ith IEC/EN A 20 Rated operational voltage V 480 Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 20 15kA A 20 15kA A 20 Rated short time current Icw 1s A 20 25kA A 20 Conductivity 1s A 250 20 20 20 Querational current Icw 1s A 250 20<		-		V	240
IEC/EN A 20 Rated operational voltage V 480 Rated operational impulse voltage KV 4 Maximum fuse size for short-circuit protection ln (gG) 10kA A 20 15kA A 20 15kA A 20 Rated short time current lcw 1s A 20 25kA A 20 Conductivity 1s A 250 10/5 mA/V 0/5 mA/V Operational current le IEC/EN 10/5 mA/V 10/5 mA/V 0/2 mA/V 0/2 mA/V AC1/AC21A A 20 10/5 mA/V 0/2 mA/V 0/2 mA/V AC15 110V A 10 220/230V A 8 Rated operational power in AC 100 220/230V KW 3 380/440V KW 5 Single-phase AC-3 110V kW 0.5 220/230V kW 4 380/440V kW 2 15 380/440V KW 2 Three-phase AC23A <td></td> <td></td> <td></td> <td>kV</td> <td>4</td>				kV	4
Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection ln (gG) 10kA A 20 15kA A 20 25kA A 20 Rated short time current lcw 1s A 250 250 Conductivity 10/5 mA/V 10/5 mA/V 00/5 mA/V Operational current le IEC/EN AC1/AC21A A 20 AC15 110V A 10 220/230V A 8 380/400V A Rated operational power in AC Three-phase AC-3 220/230V kW 3 Single-phase AC-3 110V kW 0.5 220/230V kW 2 Three-phase AC-3 110V kW 0.5 220/230V kW 4 380/440V kW 2 7.5 380/440V kW 7.5 Single-phase AC23A 220/230V kW 4 380/440V 4 220/230V kW 2 380/440V kW 2.5 <td>Conventional free all</td> <td></td> <td></td> <td></td> <td></td>	Conventional free all				
Maximum fuse size for short-circuit protection In (gG) 10kA A 20 110kA A 20 110kA A 20 Rated short time current lcw 1s A 250 25kA A 20 Conductivity 1s A 250 10/5 mA/V 00/5 mA/V Operational current le IEC/EN AC1/AC21A A 20 AC15 110V A 10 220/230V A 8 380/400V A 6 A 20 Rated operational power in AC Three-phase AC-3 110V kW 3 380/400V kW 3 380/40V kW 3 Single-phase AC-3 110V kW 0.5 220/230V kW 1.5 380/440V kW 2 380/440V kW 7.5 380/440V kW 2 Three-phase AC23A 10V kW 0.75 220/230V kW 4 380/440V 2 380/440V <td>Rated operational vol</td> <td>tage</td> <td></td> <td>V</td> <td>480</td>	Rated operational vol	tage		V	480
10kA A 20 15kA A 20 25kA A 20 Rated short time current lcw 1s A 250 Conductivity 10/5 mA/V 10/5 mA/V Operational current le IEC/EN AC1/AC21A A 20 AC15 110V A 10 220/230V A 8 380/400V A 6 Rated operational power in AC Three-phase AC-3 220/230V kW 3 Single-phase AC-3 110V kW 0.5 220/230V kW 1.5 Single-phase AC-3 110V kW 0.5 220/230V kW 1.5 Single-phase AC-3 110V kW 0.5 220/230V kW 1.5 Single-phase AC23A 220/230V kW 4 380/440V 4 220/230V kW 7.5 5 5 5 Single-phase AC23A 110V kW 0.75 220/230V kW 2 </td <td></td> <td>-</td> <td></td> <td>kV</td> <td>4</td>		-		kV	4
15kA A 20 Rated short time current lcw 1s A 20 Conductivity 1s A 250 Operational current le IEC/EN 10/5 mA/V 10/5 mA/V AC1/AC21A A 20 AC15 100/5 mA/V 0 220/230V A 8 380/400V A 6 Rated operational power in AC 220/230V kW 3 Single-phase AC-3 220/230V kW 3 220/230V kW 3 380/440V kW 5 Single-phase AC-3 110V kW 0.5 220/230V kW 2 Three-phase AC-3 110V kW 2 380/440V kW 2 Three-phase AC23A 220/230V kW 4 380/440V 4 380/440V 4 380/440V 4 380/440V 4/td> 380/440V KW 2 2 380/440V KW 2 2 380/440V KW <t< td=""><td>Maximum fuse size fo</td><td>or short-circuit protection In (gG)</td><td>101-0</td><td>۸</td><td>20</td></t<>	Maximum fuse size fo	or short-circuit protection In (gG)	101-0	۸	20
Rated short time current lcw 1s A 250 Conductivity 10/5 mA/V 00 10/5 mA/V Operational current le IEC/EN AC1/AC21A A 20 AC15 110V A 10 220/230V A 8 380/400V A 6 Rated operational power in AC 220/230V KW 3 380/440V KW 3 Single-phase AC-3 110V kW 0.5 220/230V kW 1.5 380/440V kW 2 1 Three-phase AC23A 220/230V kW 4 220/230V kW 4 380/440V kW 2 Three-phase AC23A 220/230V kW 4 380/440V KW 4 380/440V kW 7.5 5 5 3 220/230V kW 4 220/230V kW 2 3 3 3 3 4 380/440V kW 2 3 3			15kA	А	20
Conductivity 10/5 mA/V Operational current le IEC/EN AC1/AC21A A 20 AC15 110V A 10 220/230V A 8 380/400V A 6 Rated operational power in AC Three-phase AC-3 220/230V kW 3 380/400V KW 3 Single-phase AC-3 110V kW 0.5 220/230V kW 1.5 380/440V kW 2 115 380/440V kW 2 Three-phase AC23A 220/230V kW 4 380/440V kW 2 Three-phase AC23A 220/230V kW 4 380/440V kW 2 Single-phase AC23A 110V kW 0.75 220/230V kW 2 Single-phase AC23A 110V kW 0.75 220/230V kW 2 Single-phase AC23A 110V kW 0.75 220/230V kW 2 Single-phase AC23A 110V kW </td <td>Rated short time curre</td> <td>ent Icw</td> <td>20101</td> <td>7.</td> <td>20</td>	Rated short time curre	ent Icw	20101	7.	20
Operational current le IEC/EN AC1/AC21A A 20 AC15 110V A 10 220/230V A 8 380/400V A 6 Rated operational power in AC Three-phase AC-3 220/230V kW 3 380/400V kW 5 5 Single-phase AC-3 110V kW 0.5 220/230V kW 1.5 380/440V kW 2 Three-phase AC-3 110V kW 0.5 220/230V kW 4 380/440V kW 2 380/440V kW 2 Three-phase AC23A 220/230V kW 4 380/440V 4 380/440V kW 7.5 5 5 5 5 5 5 Single-phase AC23A 110V kW 0.75 220/230V kW 2 Single-phase AC23A 110V kW 2.5 3 3 3			1s	А	
AC1/AC21A A 20 AC15 110V A 10 220/230V A 8 380/400V A 6 Rated operational power in AC Three-phase AC-3 220/230V kW 3 380/440V kW 5 5 Single-phase AC-3 110V kW 0.5 220/230V kW 1.5 380/440V kW 2 Three-phase AC23A 110V kW 2 1.5 380/440V kW 2 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 2 Single-phase AC23A 110V kW 0.75 220/230V kW 2 Single-phase AC23A 110V kW 0.75 220/230V kW 2 Single-phase AC23A 110V kW 2.5 25 25					10/5 mA/V
AC15 110V A 10 220/230V A 8 380/400V A 6 Rated operational power in AC Three-phase AC-3 220/230V 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 110V kW 4 380/440V kW 2 Three-phase AC23A 220/230V kW 4 380/440V kW 2 Three-phase AC23A 110V kW 0.75 380/440V kW 2 Single-phase AC23A 110V kW 0.75 380/440V 2 380/440V	Operational current le			А	20
220/230V A 8 380/400V A 6 Three-phase AC-3 220/230V kW 3 220/230V 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 kW 4 380/440V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 2 Single-phase AC23A 110V kW 0.75 220/230V kW 2 380/440V kW 2.5		AC15		Λ	20
Rated operational power in AC Three-phase AC-3 220/230V 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 kW 4 380/440V kW 4 380/440V kW 7.5 5			220/230V	А	8
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 kW 4 380/440V kW 4 Single-phase AC23A 220/230V kW 4 380/440V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 2	Rated operational pov	ver in AC			
Single-phase AC-3 110V kW 0.5 220/230V kW 1.5 380/440V kW 2 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 2 380/440V kW 2.5		Three-phase AC-3			
110V kW 0.5 220/230V kW 1.5 380/440V kW 2 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 2 380/440V kW 2.5		Single-phase AC-3			
380/440V kW 2 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 2 380/440V kW 2.5					
Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 2 380/440V kW 2.5					
220/230V kW 4 380/440V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 2 380/440V kW 2.5		Three-phase AC23A	500/440V	IX V V	۷
Single-phase AC23A 110V kW 0.75 220/230V kW 2 380/440V kW 2.5		•			
110V kW 0.75 220/230V kW 2 380/440V kW 2.5		0	380/440V	kW	7.5
220/230V kW 2 		Single-phase AC23A	110\/	k\//	0.75
			380/440V	kW	2.5

Rated operational current in DC

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ROTARY CAM SWITCH GF SERIES, ON-OFF SWITCH 2 POLES 20A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE 48X48MM

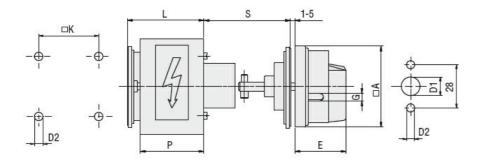
	50044			
	DC21A	40\/	^	20
		48V	A	20
		60V 110V	A	20
		220V	A	4
			A	0.7
	DC12	440V	A	0.2
	DC13	24V	^	C
		24 V 48 V	A A	6
		40V 60V	A	6
		110V	A	3 1
		220V	A	0.4
		440V		0.4
Dower dissinction		440 V	A W	0.15
Power dissipation Mechanical features			VV	0.8
				Mo
Terminals screw	orminala may		Nim	M3
Tightening torque for te	erminais max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	1x10⁰
UL technical data				
Motor power for direct				
	for three-phase motor			
		240V	HP	3
	for single-phase motor			
		240V	HP	1
Ambient conditions				
Temperature				
	Operating temperature	_		
		min	°C	-25
	-	max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protection	on			
Frontal IP degree				IP40
Terminals IP degree				IP20
Dimensions				

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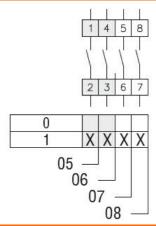


ROTARY CAM SWITCH GF SERIES, ON-OFF SWITCH 2 POLES 20A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE 48X48MM



Cariaa	Dimensions					L					
Series	□A	D1	D2	E	G	□K	S	1	2	3	12
GF20	48	12	5	34.2	5	36	45-55	46	59.5	73	194.5

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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