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Product designation			Rotary cam
Product type designation			switches GF20
General characteristics			0120
			90 - ON/OFF
Switching diagram			switch 1 pole
N° of elements			1
Mounting form			O - Rear mounting with black handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	480
	UL/CSA	V	240
Rated impulse withstand voltage Uimp		kV	4
Conventional free air thermal current Ith			
	IEC/EN	A	20
	UL/CSA	<u>A</u>	15
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	10kA	А	20
	15kA	A	20
	25kA	A	20
Rated short time current Icw	20174	~	20
	1s	kA	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		А	20
AC15			
	110V	А	10
	220/230V	А	8
	380/400V	A	6
Rated operational power in AC			
Three-phase AC-3	000/0001/	/	0
	220/230V	kW	3
Single-phase AC-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	000/7701	1.1.1.1	_
	220/230V	kW	4
	380/440V	kW	7.5
Single-phase AC23A			

GF2090O

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



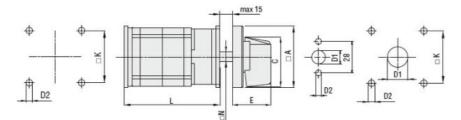
GF20900 ROTARY CAM SWITCH GF SERIES, ON-OFF SWITCH 1 POLE 20A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

	110V	kW	0.75
	220/230V	kW	2
	380/440V	kW	2.5
Rated operational current in DC			
DC21A			
	48V	А	20
	60V	А	20
	110V	А	4
	220V	А	0.7
	440V	А	0.2
DC13			
	24V	А	6
	48V	А	6
	60V	A	3
	110V	A	1
	220V	A	0.4
Device discipation	440V	A	0.15
Power dissipation		W	0.8
Mechanical features			Mo
Terminals screw			M3
Tightening torque for terminals 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) Digid coble	IVIAA	111111	2.0
Conductor size (IEC) - Rigid cable			0.5
	min	mm²	0.5
	Max	mm²	2.5
Mechanical life		cycles	1x10 ⁶
UL technical data			
Motor power for direct-on-line control			
for three-phase motor			
	240V	HP	3
for single-phase motor			
	240V	HP	1
Ambient conditions			
Temperature			
Operating temperature			
	min	°C	-25
	max	°Ċ	+55
Storage temperature		-	
	min	°C	-40
	max	°C	+70
Resistance & Protection		U	
Frontal IP degree			IP40
Terminals IP degree			IP20
Dimensions			

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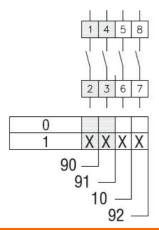


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Series	Dimensions					L Number of elements													
Series	□A	C	ØD1	ØD2	E	□K	Ν	1	2	3	4	5	6	7	8	9	10	11	12
GF20	48	39.5	12	5	26.5	36	□6	46	59.5	73	86.5	100	113.5	127	140.5	154	167.5	181	194.5

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,

Selector switc complete



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