GF2069U12



ROTARY CAM SWITCH GF SERIES, CHANGEOVER SWITCH WITHOUT 0, 4 POLES 20A, FOR FRONT MOUNTING WITHOUT FRONT PLATE WITH KEY OPERATION FOR HOLE Ø22MM FIXING

Product designation				[。] Rotary cam
-				switches
Product type designat				GF20
General characteristic Switching diagram	S			69 - Changeover switch without 0 4
				poles
N° of elements				4 U12 - Front
Mounting form				mounting without front plate with key operation for hole diam. 22mm fixing
Contact characteristics				
Rated insulation voltag		IEC/EN UL/CSA	V V	480 240
Rated impulse withsta			kV	4
Conventional free air t	nermai current ith	IEC/EN UL/CSA	A A	20 15
Rated operational volt	age		V	480
Rated operational imp			kV	4
Maximum fuse size fo	r short-circuit protection In (gG)			
		10kA	А	20
		15kA	A	20
Deted also at time a summe		25kA	A	20
Rated short time curre		1s	А	250
Conductivity				10/5 mA/V
Operational current le	IEC/EN AC1/AC21A		A	20
	AC15		Λ	20
	-	110V	А	10
		220/230V	А	8
		380/400V	А	6
Rated operational pow				
	Three-phase AC-3	220/2201/		0
		220/230V 380/440V	kW kW	3 5
	Single-phase AC-3	300/440 V	K V V	5
		110V	kW	0.5
		220/230V	kW	1.5
		380/440V	kW	2
	Three-phase AC23A			
		220/230V	kW	4
	Single phase AC224	380/440V	kW	7.5
	Single-phase AC23A	110V	kW	0.75
		220/230V	kW	2
		380/440V	kW	2.5
Rated operational curr	ent in DC			

Rated operational current in DC

GF2069U12

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

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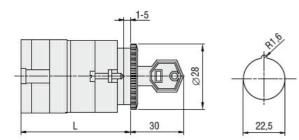
	DC21A			
	56217	48V	А	20
		60V	A	20
		110V	A	4
		220V	A	4 0.7
		220V 440V		0.2
	<u>DC40</u>	440 V	A	0.2
	DC13	0.417	^	0
		24V	A	6
		48V	A	6
		60V	A	3
		110V	Α	1
		220V	Α	0.4
		440V	A	0.15
Power dissipation			W	0.8
Mechanical features				
Terminals screw				M3
Tightening torque for to	erminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	Max	////0	12
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) Elevible coble	IVIAX	AWG	12
	Conductor size (IEC) - Flexible cable			0.5
		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	-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	°C	+55
	Storage temperature	Παλ	0	
	olorage lemperalure	min	°C	-40
			°C	
Desistance ? Drotesti		max	C	+70
Resistance & Protection				
Frontal IP degree				IP40
Terminals IP degree				IP20
Dimensions				

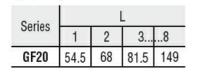
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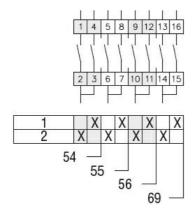


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Wiring diagrams



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		
		EC001029 -

ETIM 8.0

EC001029 -Selector switch, complete