GF2066O48



ROTARY CAM SWITCH GF SERIES, VOLTMETER SWITCH FOR PHASE-NEUTRAL AND PHASE-PHASE VOLTAGES 20A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Product designation				Rotary cam switches
Product type designat	ion			GF20
General characteristic				
Switching diagram				66 - Voltmeter switch for phase- neutral and phase-phase voltages 3
				O48 - Modular
Mounting form				service cover for 35mm din rail mounting with black handle
Contact characteristic:	5			
Rated insulation voltage	ge Ui			
		IEC/EN UL/CSA	V V	480 240
Rated impulse withsta	nd voltage Uimp		kV	4
Conventional free air t	hermal current Ith			
		IEC/EN	А	20
		UL/CSA	A	15
Rated operational volt	-		V	480
Rated operational impulse voltage			kV	4
Maximum fuse size fo	r short-circuit protection In (gG)			
		10kA	A	20
		15kA	A	20
Deterd also at times around		25kA	A	20
Rated short time curre	Int ICW	10	ĿΛ	250
Conductivity		1s	kA	250 10/5 mA/V
Operational current le				10/3 IIIA/ V
	AC1/AC21A			
	A01/A021A		А	20
	AC15		Λ	20
		110V	А	10
		220/230V	A	8
		380/400V	А	6
Rated operational pow	ver 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
		220/230V 380/440V	kvv kW	4 7.5
	Single-phase AC23A	500/4407	IX V V	1.5
		110V	kW	0.75
		220/230V	kW	2
		380/440V	kW	2.5

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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



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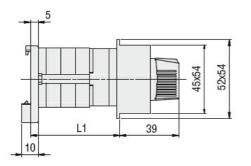
Rated operational cur	rent in DC			
	DC21A			
		48V	А	20
		60V	А	20
		110V	А	4
		220V	А	0.7
		440V	А	0.2
	DC13			
		24V	А	6
		48V	A	6
		60V	A	3
		110V	A	1
		220V	A	0.4
		440V	A	0.15
Power dissipation		101	W	0.8
Mechanical features			VV	0.8
Terminals screw				M3
	torminala may		Nime	
Tightening torque for	terminais 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	1x10 ⁶
UL technical data				
Motor power for direc	t-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		-	
		min	°C	-40
		max	°C	+70
Resistance & Protect	ion	Παλ	U	
				IP40
Frontal IP degree				
Terminals IP degree				IP20
Dimensions				

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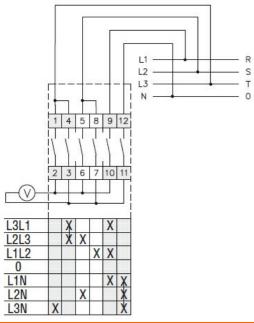


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Corioo	L1		
Series	1	2	3
GF20	40	53.5	67

Wiring diagrams



Certifications and compliance

Compliance

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	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		Selector switch, complete

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