

ROTARY CAM SWITCH GF SERIES, CHANGEOVER SWITCH WITHOUT 0, 1 POLE 20A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

GF2054O48

Product designation			Rotary cam switches
Product type designation			GF20
General characteristics			
Switching diagram			54 - Changeove switch without 0 pole
N° of elements			1
Mounting form			O48 - Modular service cover for 35mm din rail mounting with black handle
Contact characteristics			
Rated insulation voltage Ui	IEC/EN UL/CSA	V V	480 240
Rated impulse withstand voltage Uimp		kV	4
Conventional free air thermal current Ith	IEC/EN UL/CSA	A A	20 15
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	10kA 15kA 25kA	A A A	20 20 20
Rated short time current Icw	1s	kA	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		A	20
AC15	110V 220/230V 380/400V	A A A	10 8 6
Rated operational power in AC	000/4007	7	0
Three-phase AC-3	220/230V 380/440V	kW kW	3 5
Single-phase AC-3			
	110V 220/230V 380/440V	kW kW kW	0.5 1.5 2
Three-phase AC23A	220/230V	kW	4
	380/440V	kW	7.5
Single-phase AC23A	110V 220/230V	kW kW	0.75 2
	380/440V	kW	2.5

DC21A

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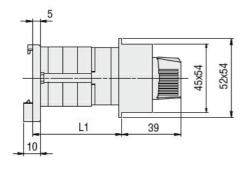
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		48V	А	20
		60V	А	20
		110V	A	4
		220V	A	0.7
		440V	A	0.2
	DC13			0.2
	2010	24V	А	6
		48V	A	6
		40V 60V	A	3
		110V	A	1
		220V	A	0.4
		440V		0.4
Dower dissinction		440 V	A W	
Power dissipation			VV	0.8
Mechanical features				Mo
Terminals screw				M3
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) - Rigid cable			
	······	min	mm²	0.5
		Max	mm²	2.5
Mechanical life		THOU A	cycles	1x10 ⁶
UL technical data			0y0lc3	
Motor power for direct	t-on-line control			
	for three-phase motor	240V	HP	2
	for single above mater	240 V	ΠP	3
	for single-phase motor	0.401/		
And the state of Patrices		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			
Frontal IP degree				IP40
Terminals IP degree				IP20
Dimensions				

Lovato electric

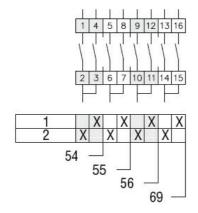
ENERGY AND AUTOMATION

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Series	L1		
	1	2	3
GF20	40	53.5	67

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	h .

ETIM 8.0

EC001029 -Selector switch, complete

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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