

ROTARY CAM SWITCH GF SERIES, CHANGEOVER SWITCH WITHOUT 0, 3 POLES 20A, MODULAR SERVICE COVER FOR 35MM DIN REAL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Product designation	1			Rotary cam
Product type design				switches GF20
General characteris				01 20
Switching diagram				56 - Changeover switch without 0 3 poles
N° of elements				3
Mounting form				O48 - Modular service cover for 35mm din rail mounting with black handle
Contact characteris				
Rated insulation vol		IEC/EN UL/CSA	V V	480 240
Rated impulse withs			kV	4
Conventional free a	ir thermal current Ith	IEC/EN UL/CSA	A A	20 15
Rated operational v	oltage		V	480
Rated operational in			kV	4
Maximum fuse size	for short-circuit protection In (gG)	10kA 15kA 25kA	A A A	20 20 20
Rated short time cu	rrent lcw			
Canadynativity		1s	Α	250
Conductivity Operational current le IEC/EN				10/5 mA/V
Operational current	AC1/AC21A		А	20
	AC15	110V	A	10
		220/230V 380/400V	A A	8
Rated operational p	ower in AC			
	Three-phase AC-3	220/230V	kW	3
	Single-phase AC-3	380/440V	kW	5
	Single-phase AC-3	110V 220/230V	kW kW	0.5 1.5
		380/440V	kW	2
	Three-phase AC23A	220/230V	kW	4
	Cingle phase ACCOA	380/440V	kW	7.5
	Single-phase AC23A	110V 220/230V	kW kW	0.75 2
		380/440V	kW	2.5
Rated operational c	urrent in DC			





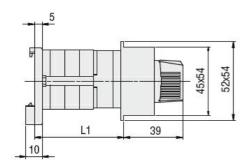
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	D0011			
	DC21A	40)/	^	00
		48V	A	20
		60V 110V	A	20
		220V	A	4
			A	0.7
	DC13	440V	A	0.2
	DC13	24V	۸	C
		48V	A A	6 6
		60V	A	3
		110V	A	1
		220V	A	0.4
		440V	A	0.4
Power dissipation		440 V		0.8
Mechanical features			VV	0.8
Terminals screw				M3
Tightening torque for to	orminals may		Nm	0.5
Conductor size	eminas max		INIII	0.5
Conductor Size	AWG Pigid cable			
	AWG - Rigid cable	min	AWG	20
		min Max		12
	AWG - Flexible cable	Max	AWG	12
	AVVG - Flexible cable	min	A1A/C	20
		min Max	AWG	20
	Conductor size (IEC). Florrible coble	Max	AWG	12
	Conductor size (IEC) - Flexible cable	min	mama ²	0 F
		min Max	mm² mm²	0.5 2.5
	Conductor size (IEC) - Rigid cable	IVIAX	111111	2.0
	Conductor Size (IEC) - Rigid Cable	min	mm²	0.5
		Max	mm²	2.5
Mechanical life		IVIAX		1x10 ⁶
UL technical data			cycles	13.10
Motor power for direct	-on-line centrel			
wotor power for direct	for three-phase motor			
	ioi unee-phase motor	240V	HP	3
	for single-phase motor	240 V	1 11	
	ioi single-phase motol	240V	HP	1
Ambient conditions		Z+0 V	1 11	<u> </u>
Temperature				
Tomporataro	Operating temperature			
	Operating temperature	min	°C	-25
		max	°C	+55
	Storage temperature	max		
	otorago temperaturo	min	°C	-40
		max	°C	+70
Resistance & Protection	on	IIIdX	J	. 7 0
Frontal IP degree	on			IP40
Terminals IP degree				IP20
Dimensions				11 20
Difficilisions				



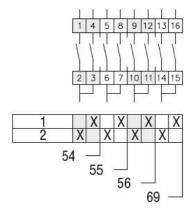
ENERGY AND AUTOMATION

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Corioo	L1		
Series	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

ETIM 8.0

EC001029 -Selector switch, complete