

ROTARY CAM SWITCH GF SERIES, CHANGEOVER SWITCH WITHOUT 0, 1 POLE 20A, FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING

Product designation				Rotary cam
_	switches			
Product type designat General characteristic				GF20
Switching diagram	5			54 - Changeover switch without 0 1
NIO 6 I				pole
N° of elements				1 U11 - Front
Mounting form Contact characteristics	9			mounting with black handle without front plate for hole diam. 22mm fixing
Rated insulation voltage				
		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	ulse voltage		kV	4
Maximum fuse size fo	r short-circuit protection In (gG)			
		10kA	Α	20
		15kA	Α	20
D (1 1 4 6		25kA	A	20
Rated short time curre	ent Icw	1s	Α	250
Conductivity				10/5 mA/V
Operational current le				
	AC1/AC21A		Α	20
	AC15			
		110V	Α	10
		220/230V	Α	8
Data d an anation of more	van in AO	380/400V	Α	6
Rated operational pov	ver in AC Three-phase AC-3			
	Three-phase AC-S	220/230V	kW	3
		380/440V	kW	5
	Single-phase AC-3			
	3 4 4 4 4	110V	kW	0.5
		220/230V	kW	1.5
		380/440V	kW	2
	Three-phase AC23A			
		220/230V	kW	4
	0:11	380/440V	kW	7.5
	Single-phase AC23A	44017	1.147	0.75
		110V 220/230V	kW kW	0.75 2
		380/440V	kW	2.5
Rated operational curr	rent in DC	000/TT0 V	1. V V	2.0
sporational out				

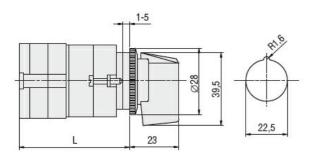


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	D0011			
	DC21A	40)/	^	00
		48V	A	20
		60V 110V	A	20
		220V	A	4
			A	0.7
	DC13	440V	A	0.2
	DC13	24V	۸	C
		48V	A A	6 6
		60V	A	3
		110V	A	1
		220V	A	0.4
		440V	A	0.4
Power dissipation		440 V		0.8
Mechanical features			VV	0.8
Terminals screw				M3
Tightening torque for to	orminals may		Nm	0.5
Conductor size	errilliais max		INIII	0.5
Conductor Size	AWG Pigid cable			
	AWG - Rigid cable	min	AWG	20
		min May		12
	AWG - Flexible cable	Max	AWG	12
	AVVG - Flexible cable	min	A1A/C	20
		min May	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 control			
wotor power for direct	for three-phase motor			
	างา แและ-หาดจอ เทิงเงา	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				

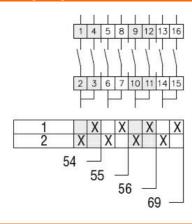


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Series	1	2	3	8
GF20	54.5	68	81.5	203

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