



ROTARY CAM SWITCH GF SERIES, CHANGEOVER SWITCH 3 POLES 20A, FOR FRONT MOUNTING WITHOUT FRONT PLATE WITH KEY OPERATION FOR HOLE Ø22MM FIXING

Product designation				Rotary cam
_				switches
Product type designation General characteristics				GF20
Switching diagram				53 - Changeover switch 3 poles - 2 speed motor starting with separate windings
N° of elements	Mounting form Contact characteristics Rated insulation voltage Ui Rated impulse withstand voltage Uimp Conventional free air thermal current Ith Rated operational voltage Rated operational impulse voltage Maximum fuse size for short-circuit protection In (gG)			3
Mounting form				U12 - Front mounting without front plate with key operation for hole diam. 22mm fixing
		IEC/EN UL/CSA	V V	480 240
			kV	4
Conventional free air th	ermal current Ith	IEC/EN UL/CSA	A A	20 15
Rated operational volta	age	<u> </u>	V	480
			kV	4
				<u> </u>
		10kA 15kA 25kA	A A A	20 20 20
Rated short time curren	nt Icw	1s	A	250
Conductivity				10/5 mA/V
Operational current le				
			Α	20
	AC15	110V 220/230V 380/400V	A A A	10 8 6
Rated operational pow	er in AC	000/ +00 V		
raioa oporanonai pon	Three-phase AC-3			
	•	220/230V	kW	3
		380/440V	kW	5
	Single-phase AC-3	110V 220/230V 380/440V	kW kW kW	0.5 1.5 2
	Three-phase AC23A			
	· 	220/230V 380/440V	kW kW	4 7.5
	Single-phase AC23A	110V	kW	0.75

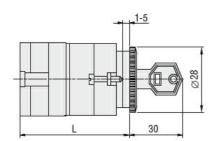


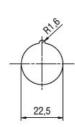


ROTARY CAM SWITCH GF SERIES, CHANGEOVER SWITCH 3 POLES 20A, FOR FRONT MOUNTING WITHOUT FRONT PLATE WITH KEY OPERATION FOR HOLE Ø22MM FIXING

		220/230V	kW	2
		380/440V	kW	2.5
Rated operational cur	rrent in DC			
	DC21A			
		48V	Α	20
		60V	Α	20
		110V	Α	4
		220V	Α	0.7
		440V	Α	0.2
	DC13			
		24V	Α	6
		48V	Α	6
		60V	A	3
		110V	A	1
		220V	A	0.4
		440V	A	0.4
Dawer dissination		440 V		
Power dissipation			W	0.8
Mechanical features				140
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			
	Conductor 5125 (126) Trigid Sabio	min	mm²	0.5
		Max	mm²	2.5
Mechanical life		IVICA	cycles	1x10 ⁶
UL technical data			cycles	13.10
	t on line central			
Motor power for direc				
	for three-phase motor	0.40\/	LID	0
		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	tion			
Frontal IP degree				IP40
Terminals IP degree				IP20
Dimensions				11 20
Dillionalona -				

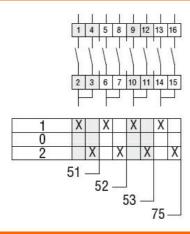
ROTARY CAM SWITCH GF SERIES, CHANGEOVER SWITCH 3 POLES 20A, FOR FRONT MOUNTING WITHOUT FRONT PLATE WITH KEY OPERATION FOR HOLE Ø22MM FIXING





Series	L			
	1	2	3	8
GF20	54.5	68	81.5	149

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