ROTARY CAM SWITCH GF SERIES, ON-OFF SWITCH 1 POLE 20A, FOR FRONT MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0 AND PROTECTION COVERS, FRONT PLATE 48X48MM



Product designation Rotary cam switches Product type designation GF20 Seneral characteristics Secondary controlled by a switch 1 pole of the pole o					
Product type designation GF20	Product designation				Rotary cam
Switching diagram Switch 1 pole Switch 1	_				
Switching diagram So O N/OFF Switch 1 pole					GF20
Switch 1 pole N° of elements		5			90 - ON/OFF
Mounting form U25 - Front mounting with redyellow handle padlockable in 0 and protection covers Contact characteristics Rated insulation voltage Ui IEC/EN V 480 UL/CSA V 240 Rated impulse withstand voltage Uimp IEC/EN A 20 UL/CSA V 240 Rated impulse withstand voltage Uimp IEC/EN A 20 UL/CSA A 15 Conventional free air thermal current Ith IEC/EN A 20 UL/CSA A 15 Rated operational voltage kV 4 Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 20 20 25kA A 20 Rated short time current Icw 1 s kA 250 Conductivity 1 s kA 20 AC1/AC21A A 20 AC1/BC21A A 20 AC1/BC21A	Switching diagram				
Mounting form Simple-phase AC-3 Mounting with red view look and protection padlockable in 0 and protection covers	N° of elements				1
Mounting form Part Part					
Padlockable in 0 and protection covers					
Contact characteristics	Mounting form				
Contact characteristics					and protection
Rated insulation voltage Ui	Carata at abancatariation				covers
IEC/EN UL/CSA V 240 Rated impulse withstand voltage Uimp					
Number N	Nateu insulation voitag	ge Oi	IEC/EN	V	480
Rated impulse withstand voltage Uimp					
IEC/EN A 20	Rated impulse withsta	nd voltage Uimp			
Rated operational voltage	Conventional free air the	hermal current Ith			
Rated operational voltage V					
Rated operational impulse voltage kV 4			UL/CSA		
Maximum fuse size for short-circuit protection In (gG) 10kA A 20 15kA A 20 25kA A 20 Rated short time current Icw 1s kA 250 Conductivity Operational current Ie IEC/EN AC1/AC21A AC15 110V A 10 220/230V A 8 380/400V A 6 Rated operational power in AC Three-phase AC-3 Rated operational power in AC Single-phase AC-3 110V kW 0.5 380/440V kW 5 Single-phase AC-3 110V kW 0.5 220/230V kW 1.5 380/440V kW 2	-				
10kA A 20 15kA A 20 25kA A 250 20 20 20 20 20 20 2		<u> </u>		KV	4
15kA A 20 25kA A 250 25kA A 250 25kA A 250 25kA A 250 25kA A 20 25kA A 25kA A 20 25kA A 20 A	Maximum ruse size io	r short-circuit protection in (gg)	10kΔ	Δ	20
Rated short time current lcw					
1s					
Conductivity	Rated short time curre	ent Icw			
Operational current le IEC/EN AC1/AC21A AC15 AC15 110V A 10 220/230V A 8 380/400V A 6 Rated operational power 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			1s	kA	
AC1/AC21A A 20 AC15 110V A 10 220/230V A 8 380/400V A 6 Rated operational power 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					10/5 mA/V
AC15 AC15 110V A 10 220/230V A 8 380/400V A 6 Rated operational power 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	Operational current le				
AC15 110V A 10 220/230V A 8 380/400V A 6 Rated operational power 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		AC1/AC21A		٨	20
110V		AC15		Α	20
Rated operational power in AC Three-phase AC-3		7.010	110V	Α	10
Rated operational power 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 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			380/400V	Α	6
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	Rated operational pow				
380/440V kW 5 Single-phase AC-3 110V kW 0.5 220/230V kW 1.5 380/440V kW 2		Three-phase AC-3	000/000/		
Single-phase AC-3 110V kW 0.5 220/230V kW 1.5 380/440V kW 2					
110V kW 0.5 220/230V kW 1.5 		Single-phase AC-3	360/4401	KVV	<u> </u>
220/230V kW 1.5 		Oligio pridoc AO O	110V	kW	0.5
380/440V kW 2					
Three-phase AC23A			380/440V	kW	
		Three-phase AC23A			





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				T L/(TL 40/(40)VIIVI
		220/230V	kW	4
		380/440V	kW	7.5
	Single-phase AC23A	300/4401	IX V V	7.5
	Single-phase AC23A	110V	kW	0.75
		220/230V	kW	2
		380/440V	kW	2.5
Rated operational curr				
	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	Α	3
		110V	Α	1
		220V	Α	0.4
		440V	Α	0.15
Power dissipation		1101	W	0.8
Mechanical features			VV	0.0
Terminals screw				M3
	a marin alla ma av		Nina	
Tightening torque for t	erminais 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			
	(, 3	min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	1x10 ⁶
UL technical data			0,0100	IXIO
Motor power for direct	-on-line control			
wotor power for direct	for three-phase motor			
	ioi tillee-pilase motol	240\/	UD	2
	Construction of the construction	240V	HP	3
	for single-phase motor	0.40\/	LID	4
A 11 4 101		240V	HP	1
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
	-	min	°C	-40
		max	°C	+70
Resistance & Protecti	on			
Frontal IP degree				IP40
- Tornar ii dogree				11 TV

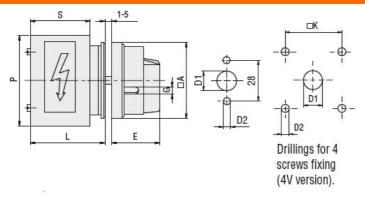


ENERGY AND AUTOMATION

ROTARY CAM SWITCH GF SERIES, ON-OFF SWITCH 1 POLE 20A, FOR FRONT MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0 AND PROTECTION COVERS, FRONT PLATE 48X48MM

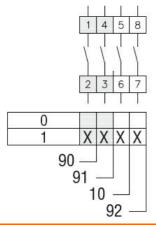
Terminals IP degree IP20

Dimensions



Series	Dimensions				L					
	□A	D1	D2	Е	G	□K	1	2	3	12
GF20	48	12	5	34.2	5	36	44	57.5	71	192.5

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