

ROTARY CAM SWITCH GX SERIES, CHANGEOVER SWITCH WITHOUT 0, 4 POLES 20A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

GX2069O48

Product designation			Rotary cam
-			switches
Product type designation General characteristics			GX20
General characteristics			69 - Changeover
Switching diagram			switch without 0 4 poles
N° of elements			4
			O48 - Modular
Mounting form			service cover for 35mm din rail
Mounting form			mounting with
			black handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith		۸	20
	IEC/EN UL/CSA	A	20
Rated operational voltage	UL/CSA	A V	<u>15</u> 440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)		ΓV	4
Maximum ruse size for short chear protection in (ge)	10kA	А	20
	15kA	A	20
	25kA	A	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	A	10
	220/230V 380/400V	A	8 6
	660/690V	A A	0 1.5
Rated operational power in AC	000/0301	Λ	1.0
Three-phase AC-3			
	220/230V	kW	3.7
	380/440V	kW	5.5
	500/690V	kW	5.5
Single-phase AC-3			
	110V	kW	0.75
	220/230V	kW	1.8
	380/440V	kW	3
Three-phase AC23A	000/000/		
	220/230V	kW	4
	380/440V	kW	7.5
Single-phase AC23A	500/690V	kW	7.5
Siliyie-pilase A023A	110V	kW	0.75
	220/230V	kW	2.2
	220,200 V		

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		380/440V	kW	3.5
Rated operational curi	rent in DC			
	DC21A			
		48V	А	20
		60V	А	20
		110V	Α	4
		220V	A	0.6
		440V	A	0.25
	DC23A (poles in series)	0.01		00 (1)
		24V	A	20 (1)
		48V	A	20 (2)
		60V	A	20 (3)
		110V	A	10 (3)
	D 040	220V	A	8 (4)
	DC13	041/	^	20
		24V	A	20
		48V	A	16
		60V	A	12
		110V	A	1
		220V	A	0.4
— ———————————————————————————————————		440V	A	0.15
Power dissipation			W	0.6
Mechanical features				MO
Terminals screw			Nine	M3
Tightening torque for t	erminais max		Nm	0.8
Conductor size				
	AWG - Rigid cable			00
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			00
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable		2	0 F
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable	•		0.5
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	1X10 ⁶
UL technical data	e en line control			
Motor power for direct				
	for three-phase motor	4001/	ЦР	1 5
		120V	HP	1.5
		240V	HP	3
		480V	HP	5
	for single phase mater	600V	HP	5
	for single-phase motor	1001		0.75
		120V	HP	0.75
Ambient conditions		240V	HP	1.5
Ambient conditions				
Temperature	Operating temperature			
	Operating temperature		° ^	25
		min	°C 2°	-25
		max	°C	+55

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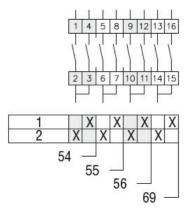
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Storage temperature			
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP65
Terminals IP degree			IP20
Dimensions			

Wiring diagrams



Certifications and compliance

Compliance

Compliance		
	CSA C22.2 n° 14	
	IEC/EN/BS 60947-1	
	IEC/EN/BS 60947-3	
	IEC/EN/BS 60947-5-1	
	IEC/EN/BS 61058-1	
	UL60947-4-1	
Certificates		
	cULus	
	EAC	
ETIM classification		
		EC001020

ETIM 8.0

EC001029 -Selector switch, complete