

GX2098O ROTARY CAM SWITCH GX SERIES, AMMETER SWITCH 20A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product designation			Rotary cam
-			switches GX20
Product type designation General characteristics			GX20
Switching diagram			98 - Ammeter switch
N° of elements			3
			O - Rear
Mounting form			mounting with black handle
Contact characteristics			Black Hallalo
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			
	IEC/EN	А	20
	UL/CSA	А	15
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	А	20
	15kA	А	20
	25kA	А	20
Rated short time current Icw			
	1s	kA	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		Α	20
AC15			
	110V	А	10
	220/230V	А	8
	380/400V	А	6
	660/690V	А	1.5
Rated operational power in AC			
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	000/0001/		4
	220/230V	kW	4
	380/440V	kW	7.5
	500/690V	kW	7.5
Single-phase AC23A	44017	1.1.4.7	0.75
	110V	kW	0.75
	220/230V	kW	2.2
Rated operational current in DC	380/440V	kW	3.5

Rated operational current in DC

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electric ENERGY AND AUTOMATION

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	DC21A			
		48V	А	20
		60V	A	20
		110V	A	4
		220V	A	0.6
		440V	A	0.25
	DC23A (poles in series)	440 V	~	0.25
	DOZSA (poles in series)	24V	۸	20 (1)
		24 V 48 V	A	20 (1)
			A	20 (2)
		60V	A	20 (3)
		110V	A	10 (3)
		220V	A	8 (4)
	DC13			
		24V	A	20
		48V	А	16
		60V	А	12
		110V	А	1
		220V	А	0.4
		440V	А	0.15
Power dissipation			W	0.6
Mechanical features				
Terminals screw				M3
Tightening torque for te	erminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
	AWG Rigid cable	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	IVIAA	ANO	12
	AWG - Flexible cable	min	AWG	20
		min		20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable		2	~ -
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	1X10⁵
UL technical data				
Motor power for direct-	-on-line control			
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		480V	HP	5
		600V	HP	5
	for single-phase motor			
	U	120V	HP	0.75
		240V	HP	1.5
Ambient conditions				-
Temperature				
iompolatalo	Operating temperature			
	operating temperature	min	°C	-25
			°C	-25 +55
	Storage temporature	max	U	+00
	Storage temperature		°C	40
		min	°C	-40

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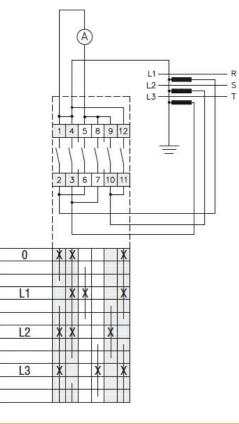
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	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP65
Terminals IP degree			IP20
Dimensions			

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		
	IEC/EN/BS 61058-1		
	UL60947-4-1		
Certificates			
	cULus		
	EAC		
ETIM classification			

ETIM 8.0

EC001029 -Selector switch, complete