

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

Product designation			Rotary cam
-			switches
Product type designation General characteristics			GX20
			98 - Ammeter
Switching diagram			switch
N° of elements			3
Maxima form			O - Rear
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		_	
	IEC/EN	A	20
	UL/CSA	<u>A</u>	15
Rated operational voltage		V kV	440
Rated operational impulse voltage		KV	4
Maximum fuse size for short-circuit protection In (gG)	10kA	А	20
	15kA	A	20
	25kA	A	20
Rated short time current Icw	20171	7.	20
	1s	А	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		А	20
AC15			
	110V	А	10
	220/230V	A	8
	380/400V	A	6
Deted exectional execution AQ	660/690V	A	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			0.0
	110V	kW	0.75
	220/230V	kW	1.8
	380/440V	kW	3
Three-phase AC23A			
	220/230V	kW	4
	380/440V	kW	7.5
	500/690V	kW	7.5
Single-phase AC23A			~
	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	Α	20
		110V	А	4
		220V	А	0.6
		440V	А	0.25
	DC23A (poles in series)			
		24V	А	20 (1)
		48V	А	20 (2)
		60V	А	20 (3)
		110V	А	10 (3)
		220V	А	8 (4)
	DC13			
		24V	А	20
		48V	А	16
		60V	А	12
		110V	А	1
		220V	А	0.4
		440V	A	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			
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	IVICA	700	12
	AWO - Tiexible cable	min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	IVIAA	ANG	12
		min	mm²	0.5
		min Max	mm²	2.5
	Conductor size (IEC) Pigid coble	IVIdX	111111	2.0
	Conductor size (IEC) - Rigid cable	min	ma ma 2	0 F
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	1X10 ⁶
UL technical data	an line control			
Motor power for direct-				
	for three-phase motor	4001/		4 5
		120V	HP	1.5
		240V	HP	3
				5
		480V	HP	
		480V 600V	HP	5
	for single-phase motor	600V	HP	5
	for single-phase motor	600V 120V	HP HP	5 0.75
	for single-phase motor	600V	HP	5
Ambient conditions	for single-phase motor	600V 120V	HP HP	5 0.75
Ambient conditions Temperature		600V 120V	HP HP	5 0.75
	for single-phase motor Operating temperature	600V 120V 240V	HP HP HP	5 0.75 1.5
		600V 120V 240V min	HP HP HP °C	5 0.75 1.5 -25
	Operating temperature	600V 120V 240V	HP HP HP	5 0.75 1.5
		600V 120V 240V min max	HP HP HP °C °C	5 0.75 1.5 -25 +55
	Operating temperature	600V 120V 240V min	HP HP HP °C	5 0.75 1.5 -25

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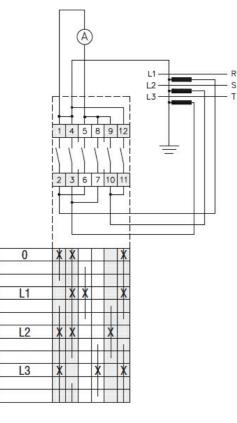
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	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP65
Terminals IP degree			IP20
Dimensions			

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