

GX2091P ENCLOSED ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 2 POLES 20A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE

Product designation			Enclosed rotary
Product type designation			cam switch GX20
General characteristics			GALO
Switching diagram			91 - ON/OFF switch 2 poles
N° of elements			1
Mounting form			P - Plastic enclosure with
-			black handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
Deted impulse withstand valtage Llipp	UL/CSA	V	600
Rated impulse withstand voltage Uimp Conventional free air thermal current Ith		kV	6
	IEC/EN	А	20
	UL/CSA	A	20 15
Rated operational voltage	0L/C3A	X	440
Rated operational impulse voltage		kV	440
Maximum fuse size for short-circuit protection In (gG)		ΚV	7
Maximum ruse size for short-circuit protection in (go)	10kA	А	20
	15kA	A	20
	25kA	A	20
Rated short time current Icw			
	1s	А	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		А	20
AC15			
	110V	А	10
	220/230V	А	8
	380/400V	А	6
	660/690V	Α	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	44014		o 7 5
	110V	kW	0.75
	220/230V	kW	1.8
	380/440V	kW	3
Three-phase AC23A	220/230V	L\\/	1
	220/230V 380/440V	kW kW	4 7.5
	500/440V 500/690V	кvv kW	7.5
Single-phase AC23A	300/0907	N V V	1.5
oligie-pilase AozoA	110V	kW	0.75
	220/230V	kW	2.2
	380/440V	kW	3.5
Rated operational current in DC			

Rated operational current in DC

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ENCLOS

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	DC21A			
		48V	А	20
		60V	А	20
		110V	А	4
		220V	А	0.6
		440V	Α	0.25
	DC23A (poles in series)			
		24V	Α	20 (1)
		48V	А	20 (2)
		60V	А	20 (3)
		110V	A	10 (3)
		220V	A	8 (4)
	DC13			
		24V	A	20
		48V	A	16
		60V	A	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			
		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			
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	1X10 ⁶
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			
		120V	HP	0.75
		240V	HP	1.5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40

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The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



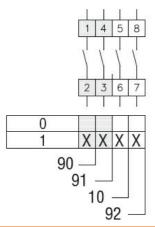
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°C +70 max Resistance & Protection Frontal IP degree IP65 Terminals IP degree IP20 Dimensions C Ġ Ð æ L1 GX16 90x90 1-2 3-5 90 90 79 79 4.5 25 19 30 71.3 98.3 4xPG16 IP65 GX20 1-2 3-5 4-7 GX16 110x110 1-3 GX20 1-3 4 - 7 110 110 98.4 83 4.5 32 21 39.5 85.5 119.5 4xPG21 IP65

Wiring diagrams

GX32

GX40



1-2

1-2

3-4

3-4

Certifications and compliance

Compliance

	IEC/EN/BS 60947-1
	IEC/EN/BS 60947-3
	IEC/EN/BS 60947-5-1
	IEC/EN/BS 61058-1
Certificates	

EAC

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete