

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

Product designation			Enclosed rotary
-			cam switch
Product type designation General characteristics			GX20
			91 - ON/OFF
Switching diagram			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
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith		٨	20
	IEC/EN UL/CSA	A A	20 15
Rated operational voltage	0L/03A	X	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			•
(3 -)	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		٨	20
AC15		A	20
ACTS	110V	А	10
	220/230V	A	8
	380/400V	A	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		1.147	0.75
	110V	kW	0.75
	220/230V	kW kW	1.8
Three-phase AC23A	380/440V	kW	3
Hilde-phase AUZSA	220/230V	kW	4
	380/440V	kW	7.5
	500/690V	kW	7.5
Single-phase AC23A			
<u> </u>	110V	kW	0.75
	220/230V	kW	2.2
	380/440V	kW	3.5

Rated operational current in DC

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electric ENERGY AND AUTOMATION

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	DC21A			
		48V	Α	20
		60V	Α	20
		110V	Α	4
		220V	A	0.6
		440V	Α	0.25
	DC23A (poles in series)			
		24V	А	20 (1)
		48V	А	20 (2)
		60V	А	20 (3)
		110V	Α	10 (3)
		220V	A	8 (4)
	DC13		_	
		24V	А	20
		48V	Α	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				M3
Tightening torque for	terminals 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	min	m m ²	0.5
		min	mm²	0.5 2.5
	Conductor cize (IEC) Digid coble	Max	mm²	2.5
	Conductor size (IEC) - Rigid cable	min	ma ma 2	0.5
		min Max	mm² mm²	0.5
Mechanical life		IVIAX		2.5 1X10 ⁶
UL technical data			cycles	
Motor power for direc	t-on-line control			
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		480V	HP	5
		600V	HP	5
	for single-phase motor	0001		-
		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



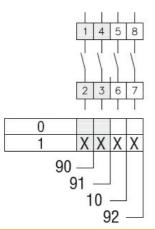
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°C +70 max Resistance & Protection Frontal IP degree IP65 Terminals IP degree IP20 Dimensions C ர் € Ð æ L1 GX16 90x90 1-2 3-5 90 90 79 79 4.5 25 19 30 71.3 98.3 4xPG16 IP65 GX20 1-2 3-5 GX16 4-7 110x110 1-3 GX20 1-3 4-7 110 110 98.4 83 4.5 32 21 39.5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

ETIM classification

EAC

ETIM 8.0

EC001029 -Selector switch, complete

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