

**GX2091P25** ENCLOSED ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 2 POLES 20A IN PLASTIC ENCLOSURE 90X90MM WITH RED/YELLOW HANDLE

Product designation			Enclosed rotary
-			cam switch GX20
Product type designation General characteristics			GA20
Switching diagram			91 - ON/OFF
			switch 2 poles
N° of elements			1
Mounting form			P25 - Plastic enclosure with
			red/yellow 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	А	20
	UL/CSA	A	15
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	A	20
	15kA	A	20
	25kA	A	20
Rated short time current Icw	1.	^	250
Conductivity	1s	A	250
Conductivity			10/5 mA/V
Operational current le IEC/EN AC1/AC21A			
ACT/ACZTA		А	20
AC15		Α	20
7010	110V	А	10
	220/230V	A	8
	380/400V	A	6
	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			
	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

GX2091P25

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	DC21A			
		48V	А	20
		60V	А	20
		110V	А	4
		220V	А	0.6
		440V	А	0.25
	DC23A (poles in series)			
	N /	24V	А	20 (1)
		48V	А	20 (2)
		60V	A	20 (3)
		110V	A	10 (3)
		220V	A	8 (4)
	DC13	2201		0 (1)
		24V	А	20
		48V	A	16
		40V 60V	A	12
		110V	A	1
		220V		
			A	0.4
Dewer die sie stien		440V	A	0.15
Power dissipation			W	0.6
Mechanical features				MO
Terminals screw			N.L.,	M3
Tightening torque for te	erminais 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 <sup>6</sup>
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		2101		
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature	Παλ	0	100
	olorage lemperature	min	°C	-40
		111111	U	-+0

GX2091P25

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

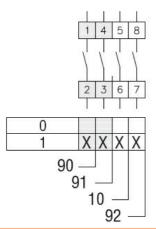


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°C +70 max Resistance & Protection Frontal IP degree IP65 Terminals IP degree IP20 Dimensions C Ġ Ð æ 1.1

GX16 GX20	90x90	1 - 2 1 - 2	3-5 3-5	90	90	79	79	4.5	25	19	30	71.3	98.3	4xPG16	IP65
GX16	110x110	1 - 3	4 - 7												
GX20		1 - 3	4 - 7	110	110	98.4	83	4.5	32	01	20.5	05.5	119.5	4xPG21	IP65
GX32		1 - 2	3 - 4	110	110	90.4	63	4.5	32	21	39.5	85.5	119.5	4XPGZ I	IPOD
GX40	]	1 - 2	3-4												

Wiring diagrams



#### Certifications and compliance

#### Compliance

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

# C

EAC

# ETIM classification

# **ETIM 8.0**

EC001029 -Selector switch, complete