ENCLOSED ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 1 POLE 32A IN PLASTIC ENCLOSURE 110X110MM WITH BLACK HANDLE

Product designation			Enclosed rotary cam switch
Product type designation			GX32
General characteristics			
Switching diagram			90 - ON/OFF switch 1 pole
N° of elements			1
Mounting form			P - Plastic enclosure with black handle
Contact characteristics			black Harlaic
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	Α	32
	UL/CSA	Α	32
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	Α	35
	15kA	A	35
Detected of the control of the contr	25kA	A	35
Rated short time current Icw	4.0	۸	4000
Conductivity	1s	Α	1000
Conductivity			10/5 mA/V
Operational current le IEC/EN AC1/AC21A			
ACT/ACZTA		Α	32
AC15			32
7010	110V	Α	25
	220/230V	Α	20
	380/400V	A	10
	660/690V	Α	2
Rated operational power in AC			
Three-phase AC-3			
·	220/230V	kW	7.5
	380/440V	kW	11
	500/690V	kW	11
Single-phase AC-3			
	110V	kW	1.8
	220/230V	kW	3.5
	380/440V	kW	5.5
Three-phase AC23A			
	220/230V	kW	8
	380/440V	kW	15
0' 1 1 40001	500/690V	kW	15
Single-phase AC23A	4401	1-147	2.2
	110V	kW	2.2
	220/230V	kW	3.5
Rated operational current in DC	380/440V	kW	6



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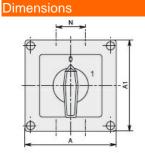
DC21A			
502171	40)/	Δ.	20
	48V	A	32
	60V	Α	32
	110V	Α	5
	220V	A	0.8
D0004 (440V	Α	0.25
DC23A (poles in series)	0.07		22 (1)
	24V	Α	32 (1)
	48V	Α	32 (2)
	60V	Α	32 (3)
	110V	Α	15 (3)
	220V	Α	12 (4)
DC13		_	
	24V	Α	32
	48V	Α	25
	60V	Α	14
	110V	Α	3
	220V	Α	0.5
	440V	Α	0.15
Power dissipation		W	1.6
Mechanical features			
Terminals screw			M4
Tightening torque for terminals max		Nm	1.2
Conductor size			
AWG - Rigid cable			
· ·	min	AWG	16
	Max	AWG	8
AWG - Flexible cable			
	min	AWG	16
	Max	AWG	10
Conductor size (IEC) - Flexible cab			
001100001 0120 (120) 1 1011010 0000	min	mm²	1.5
	Max	mm²	6
Conductor size (IEC) - Rigid cable	THOS.		
3	min	mm²	1.5
3 • • • • • • • • • • • • • • • • • • •	min May	mm²	1.5 10
	min Max	mm²	10
Mechanical life			
Mechanical life UL technical data		mm²	10
Mechanical life UL technical data Motor power for direct-on-line control		mm²	10
Mechanical life UL technical data	Max	mm² cycles	10 1X10 ⁶
Mechanical life UL technical data Motor power for direct-on-line control	Max 120V	mm² cycles	10 1X10 ⁶
Mechanical life UL technical data Motor power for direct-on-line control	120V 240V	mm² cycles HP HP	10 1X10 ⁶ 3 7.5
Mechanical life UL technical data Motor power for direct-on-line control	120V 240V 480V	mm² cycles HP HP HP	10 1X10 ⁶ 3 7.5 15
Mechanical life UL technical data Motor power for direct-on-line control for three-phase motor	120V 240V	mm² cycles HP HP	10 1X10 ⁶ 3 7.5
Mechanical life UL technical data Motor power for direct-on-line control	120V 240V 480V 600V	mm² cycles HP HP HP HP	10 1X10 ⁶ 3 7.5 15
Mechanical life UL technical data Motor power for direct-on-line control for three-phase motor	120V 240V 480V 600V	mm² cycles HP HP HP HP HP	10 1X10 ⁶ 3 7.5 15 15
Mechanical life UL technical data Motor power for direct-on-line control for three-phase motor for single-phase motor	120V 240V 480V 600V	mm² cycles HP HP HP HP	10 1X10 ⁶ 3 7.5 15
Mechanical life UL technical data Motor power for direct-on-line control for three-phase motor for single-phase motor Ambient conditions	120V 240V 480V 600V	mm² cycles HP HP HP HP HP	10 1X10 ⁶ 3 7.5 15 15
Mechanical life UL technical data Motor power for direct-on-line control for three-phase motor for single-phase motor Ambient conditions Temperature	120V 240V 480V 600V	mm² cycles HP HP HP HP HP	10 1X10 ⁶ 3 7.5 15 15
Mechanical life UL technical data Motor power for direct-on-line control for three-phase motor for single-phase motor Ambient conditions	120V 240V 480V 600V 120V 240V	mm² cycles HP HP HP HP HP	10 1X10 ⁶ 3 7.5 15 15 1.5
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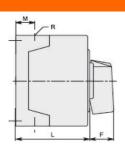


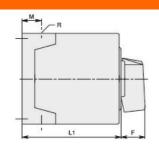
ENERGY AND AUTOMATION

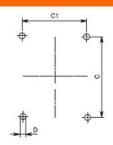
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Resistance & Protection
Frontal IP degree
IP65
Terminals IP degree
IP20



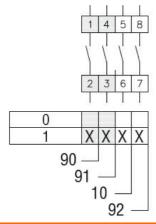






GX16	90x90	1-2	3-5	90	90	79	79	4.5	25	19	30	71.3	98.3	4xPG16	IP65
GX20		1 - 2	3-5	90	50	15	15	4.0	23	19	30	71.3	30.3	471010	1100
GX16	110x110	1 - 3	4-7												3
GX20		1-3	4-7	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65
GX32		1 - 2	3 - 4	110	110	90.4	03	4.5	32	21	39.5	65.5	119.5	4XPGZ1	1100
GX40		1 - 2	3-4												

Wiring diagrams



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