electric ENCLOSED ROTARY CAM SWITCH GX SERIES, MULTI-STEP 1-2-3, 3 POLES 20A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE ENERGY AND AUTOMATION

Product designation			Enclosed rotary cam switch
Product type designation General characteristics			GX20
Switching diagram			93 - Multi-step 1- 2-3 3 poles
N° of elements			5
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			
	IEC/EN	Α	20
Detection of the later	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	۸	20
	15kA	A A	20
	25kA	A	20
Rated short time current lcw	201/1		20
Traise differ time deficit for	1s	Α	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		Α	20
AC15			
	110V	Α	10
	220/230V	Α	8
	380/400V	Α	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
0: 1 1 100	500/690V	kW	5.5
Single-phase AC-3	44017	[-1.67	0.75
	110V	kW	0.75
	220/230V 380/440V	kW kW	1.8 3
Three-phase AC23A	300/4401	r v v	J
Tillee-pilase AO23A	220/230V	kW	4
	380/440V	kW	7.5
	500/690V	kW	7.5
Single-phase AC23A			
g F	110V	kW	0.75
	220/230V	kW	2.2
	380/440V	kW	3.5

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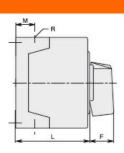
	D0044			
	DC21A	40\/	۸	20
		48V 60V	A	20 20
		110V	A A	4
		220V	A	0.6
		440V	A	0.25
	DC23A (poles in series)	1101	,,	0.20
	2020/ ((poice iii conce)	24V	Α	20 (1)
		48V	Α	20 (2)
		60V	Α	20 (3)
		110V	Α	10 (3)
		220V	Α	8 (4)
	DC13			, ,
		24V	Α	20
		48V	Α	16
		60V	Α	12
		110V	Α	1
		220V	Α	0.4
		440V	Α	0.15
Power dissipation			W	0.6
Mechanical features				
Terminals screw				M3
Tightening torque for te	rminals 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		2	0.5
		min	mm²	0.5
Maritar Continue		Max	mm²	2.5
Mechanical life			cycles	1X10 ⁶
UL technical data Motor power for direct-o	on line control			
Motor power for direct-c	for three-phase motor			
	ioi tillee-pilase motol	120V	HP	1.5
			HP	3
		74111/		0
		240V 480V		
		480V	HP	5
	for single-phase motor			
	for single-phase motor	480V 600V	HP HP	5 5
	for single-phase motor	480V 600V 120V	HP HP HP	5 5 0.75
Ambient conditions	for single-phase motor	480V 600V	HP HP	5 5
Ambient conditions Temperature	for single-phase motor	480V 600V 120V	HP HP HP	5 5 0.75
		480V 600V 120V	HP HP HP	5 5 0.75
	for single-phase motor Operating temperature	480V 600V 120V	HP HP HP	5 5 0.75
		480V 600V 120V 240V	HP HP HP HP	5 5 0.75 1.5
		480V 600V 120V 240V	HP HP HP	5 5 0.75 1.5
	Operating temperature	480V 600V 120V 240V	HP HP HP	5 5 0.75 1.5

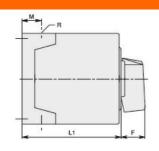
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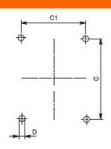
ENERGY AND AUTOMATION

Resistance & Protection
Frontal IP degree
Terminals IP degree
IP20

Dimensions

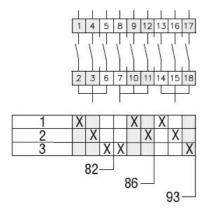






GX16 GX20	90x90	1 - 2 1 - 2	3-5 3-5	90	90	79	79	4.5	25	19	30	71.3	98.3	4xPG16	IP65
GX16	110x110	1 - 3	4-7							3					3
GX20		1 - 3	4-7	110	110	00.4	00	4.5	20	01	20.5	05.5	110.5	40004	IDCC
GX32		1-2	3-4	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65
GX40		1 - 2	3-4												

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