**ENERGY AND AUTOMATION** 

## ENCLOSED ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 3 POLES 20A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE

Product designation			Enclosed rotary cam switch
Product type designation  General characteristics			GX20
Switching diagram			07 - ON/OFF switch 3 poles
N° of elements			2
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	IEO/ES:	Α.	00
	IEC/EN	A	20
Dated apprehings voltage	UL/CSA	A V	15 440
Rated operational voltage  Rated operational impulse voltage		kV	440
Maximum fuse size for short-circuit protection In (gG)		KV	4
Maximum ruse size for short-circuit protection in (gG)	10kA	Α	20
	15kA	A	20
	25kA	Α	20
Rated short time current lcw			
	1s	kA	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	000/000:	1366	0.7
	220/230V	kW	3.7
	380/440V	kW	5.5
Single-phase AC-3	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	000/1T0 V	17.4.4	
THIS PHASE NOZON	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
	380/440V	kW	3.5
Rated operational current in DC			

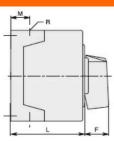
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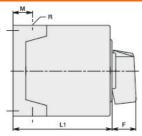
	DC24A			
	DC21A	48V	۸	20
		46 V 60 V	A A	20
		110V		
		220V	A	4
		440V	A A	0.6
	DC22 A (polos in parios)	440 V	A	0.25
	DC23A (poles in series)	24V	۸	20 (1)
		48V	A A	20 (1)
		60V	A	20 (2)
		110V	A	20 (3) 10 (3)
		220V	A	8 (4)
	DC13	220 V		0 (4)
	DC13	24V	Α	20
		48V	A	16
		60V	A	12
		110V	A	1
		220V		
			A	0.4
Danier diamination		440V	Α	0.15
Power dissipation			W	0.6
Mechanical features				MO
Terminals screw			NI	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-				
	for three-phase motor			
	for three-phase motor	120V	HP	1.5
	for three-phase motor	240V	HP	3
	for three-phase motor	240V 480V	HP HP	3 5
		240V	HP	3
	for three-phase motor  for single-phase motor	240V 480V 600V	HP HP HP	3 5 5
		240V 480V 600V	HP HP HP	3 5 5 0.75
		240V 480V 600V	HP HP HP	3 5 5
Ambient conditions		240V 480V 600V	HP HP HP	3 5 5 0.75
Ambient conditions Temperature	for single-phase motor	240V 480V 600V	HP HP HP	3 5 5 0.75
		240V 480V 600V 120V 240V	HP HP HP HP	3 5 5 0.75 1.5
	for single-phase motor	240V 480V 600V 120V 240V	HP HP HP HP	3 5 5 0.75 1.5
•	for single-phase motor  Operating temperature	240V 480V 600V 120V 240V	HP HP HP HP	3 5 5 0.75 1.5
•	for single-phase motor	240V 480V 600V 120V 240V	HP HP HP HP C °C	3 5 5 0.75 1.5
	for single-phase motor  Operating temperature	240V 480V 600V 120V 240V	HP HP HP HP	3 5 5 0.75 1.5

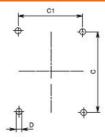
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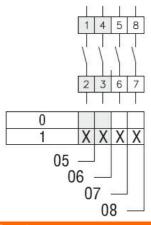






	90x90	1-2	3-5	90	90	79	79	4.5	25	19	30	71.3	98.3	4xPG16	IP65
GX20		1-2	3-5		0.00	5058	5058	(3:5-7)	750.50	0.55		0.808.874		100.000.000.000	(35,65)
GX16	110x110	1 - 3	4-7												
GX20		1 - 3	4-7	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65
GX32		1 - 2	3-4	110	110	90.4	0.5	4.5	32	21	39.5	05.5	119.5	487 021	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