

## ENCLOSED ROTARY CAM SWITCH GX SERIES, 1-PHASE MOTOR REVERSING SWITCH WITH SPRING RETURN 20A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE

Product designation			Enclosed rotary
Product type designation			cam switch GX20
General characteristics			GAZO
Switching diagram			25 - 1-phase motor reversing switch with spring return
N° of elements			2
Mounting form			P - Plastic enclosure with black handle
Contact characteristics			
Rated insulation voltage Ui	150/51		000
	IEC/EN	V	690
Dated impulse withstand valtage Llimp	UL/CSA	V kV	600
Rated impulse withstand voltage Uimp  Conventional free air thermal current Ith		ΚV	O
	IEC/EN	Α	20
	UL/CSA	A	15
Rated operational voltage	02,00,1	V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In	n (gG)		
	10kA	Α	20
	15kA	Α	20
	25kA	Α	20
Rated short time current Icw			
-	1s	kA	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		Α	20
AC15		A	20
AC13	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
	500/690V	kW	5.5
Single-phase AC-3	4407		0.75
	110V	kW	0.75
	220/230V 380/440V	kW kW	1.8 3
Three-phase AC23A	380/440 V	KVV	<u> </u>
Tillee-pilase AO23A	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

ENCLOSED ROTARY CAM SWITCH GX SERIES, 1-PHASE MOTOR REVERSING SWITCH WITH SPRING RETURN 20A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE

Rated operational cur				
	DC21A	40)/		00
		48V	A	20
		60V	A	20
		110V	A	4
		220V	A	0.6
	DCCCA (nales in entire)	440V	A	0.25
	DC23A (poles in series)	0.4)/		00 (4)
		24V	A	20 (1)
		48V	A	20 (2)
		60V 110V	A	20 (3)
		220V	A	10 (3)
	DC42	2201	Α	8 (4)
	DC13	241/	۸	20
		24V 48V	A A	20 16
		60V		
		110V	A A	12 1
		220V	A	0.4
		440V		
Power dissipation		4401	A W	0.15 0.6
Power dissipation lechanical features			VV	0.0
erminals screw				M3
	torminals may		Nm	
ightening torque for	terminals max		INIII	0.8
Conductor size	AMO Divid calds			
	AWG - Rigid cable		A1A/O	00
		min	AWG	20
	ANNO EL TIL LI	Max	AWG	12
	AWG - Flexible cable	•	414/0	00
		min	AWG	20
	0 1 ( "50) 51 11 11	Max	AWG	12
	Conductor size (IEC) - Flexible cable		2	0.5
		min	mm²	0.5
	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Max	mm²	2.5
	Conductor size (IEC) - Rigid cable		2	
		min	mm²	0.5
A I I P.C .		Max	mm²	2.5
/lechanical life			cycles	1X10 <sup>6</sup>
JL technical data				
Aston marrian for 11	t an line control			
Notor power for direc				
Notor power for direc	t-on-line control for three-phase motor		ı.e	4.5
Notor power for direc		120V	HP	1.5
Motor power for direc		240V	HP	3
Motor power for direc		240V 480V	HP HP	3 5
Motor power for direc	for three-phase motor	240V	HP	3
Motor power for direc		240V 480V 600V	HP HP HP	3 5 5
Motor power for direc	for three-phase motor	240V 480V 600V	HP HP HP	3 5 5 0.75
	for three-phase motor	240V 480V 600V	HP HP HP	3 5 5
ambient conditions	for three-phase motor	240V 480V 600V	HP HP HP	3 5 5 0.75
Ambient conditions	for three-phase motor  for single-phase motor	240V 480V 600V	HP HP HP	3 5 5 0.75
Ambient conditions	for three-phase motor	240V 480V 600V 120V 240V	HP HP HP HP	3 5 5 0.75 1.5
Motor power for direct  Ambient conditions  Emperature	for three-phase motor  for single-phase motor	240V 480V 600V	HP HP HP	3 5 5 0.75

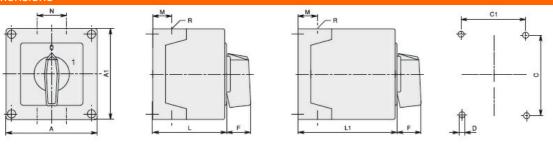


ENCLOSED ROTARY CAM SWITCH GX SERIES, 1-PHASE MOTOR REVERSING SWITCH WITH SPRING RETURN 20A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE

min °C -40 max °C +70

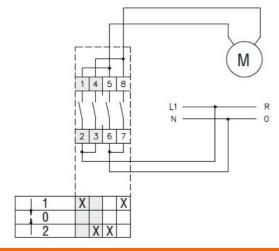
# Resistance & Protection Frontal IP degree IP65 Terminals IP degree IP20

#### **Dimensions**



GX16	90x90	1-2	3-5	90	90	79	70	4.5	05	10	30	71.0	00.2	4xPG16	IDec
GX20		1 - 2	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	00.4	02	4.5	20	21	20.5	0F F	119.5	4xPG21	IDGE
GX32		1 - 2	3 - 4	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4XPGZ1	IP65
GX40	1	1-2	3-4	l											

### 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