



# ENCLOSED ROTARY CAM SWITCH GX SERIES, STAR-DELTA MOTOR STARTER, 40A IN PLASTIC ENCLOSURE 110X110MM WITH RED/YELLOW HANDLE

Product designation			Enclosed rotary cam switch GX40
Product type designation  General characteristics			GX40
Switching diagram			12 - Star-delta motor starter switch
N° of elements			4
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	Α	40
	UL/CSA	Α	40
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	Α	40
	15kA	Α	35
	25kA	Α	35
Rated short time current lcw			
	1s	kA	1000
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
-		Α	40
AC15	440)4	_	<b>.</b> -
	110V	A	25
	220/230V	A	22
	380/400V	A	12
Detail an areticular association A.O.	660/690V	Α	2
Rated operational power in AC			
Three-phase AC-3	220/230V	kW	7.5
	380/440V	kW	7.5 15
	500/690V	kW	15
Single-phase AC-3	300/030 V	KVV	10
Olligie priase AO 0	110V	kW	2.2
	220/230V	kW	4.4
	380/440V	kW	7
Three-phase AC23A	33371101		<u> </u>
	220/230V	kW	9
	380/440V	kW	18.5
	500/690V	kW	15
Single-phase AC23A			
	110V	kW	3
	220/230V	kW	5.2
	380/440V	kW	7.5
Rated operational current in DC			



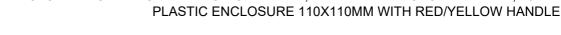


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	DC24 A				
	DC21A	48V	۸	40	
		60V	A A	40	
		110V	A	6	
		220V	A	0.8	
		220V 440V			
	DC22A (nologin poriog)	440 V	Α	0.25	_
	DC23A (poles in series)	241/	^	40 (4)	
		24V	A	40 (1)	
		48V	A	40 (1)	
		60V 110V	A	40 (3)	
			A	40 (3)	
	DC42	220V	Α	12 (4)	_
	DC13	241/	۸	40	
		24V	A	40	
		48V	A	32	
		60V	A	16	
		110V	A	3	
		220V	Α	0.5	
		440V	A	0.15	
Power dissipation			W	1.6	
Mechanical features					
Terminals screw				M4	
Tightening torque for to	erminals 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 cable	Max	AWG	10	_
	Conductor size (IEC) - Flexible cable	Max min	AWG mm²	1.5	
	Conductor size (IEC) - Flexible cable				_
	Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable	min	mm²	1.5	_
		min	mm²	1.5	_
		min Max	mm² mm²	1.5 6	
Mechanical life		min Max min	mm² mm²	1.5 6 1.5	_
Mechanical life UL technical data		min Max min	mm² mm² mm² mm²	1.5 6 1.5 10	_
	Conductor size (IEC) - Rigid cable	min Max min	mm² mm² mm² mm²	1.5 6 1.5 10	_
UL technical data	Conductor size (IEC) - Rigid cable	min Max min	mm² mm² mm² mm²	1.5 6 1.5 10	_
UL technical data	Conductor size (IEC) - Rigid cable  -on-line control	min Max min	mm² mm² mm² mm²	1.5 6 1.5 10	_
UL technical data	Conductor size (IEC) - Rigid cable  -on-line control	min Max min Max	mm² mm² mm² mm² cycles	1.5 6 1.5 10 1X10 <sup>6</sup>	_
UL technical data	Conductor size (IEC) - Rigid cable  -on-line control	min Max min Max	mm² mm² mm² mm² cycles	1.5 6 1.5 10 1X10 <sup>6</sup>	_
UL technical data	Conductor size (IEC) - Rigid cable  -on-line control	min Max min Max 120V 240V	mm² mm² mm² cycles	1.5 6 1.5 10 1X10 <sup>6</sup> 5	
UL technical data	Conductor size (IEC) - Rigid cable  -on-line control	min Max min Max 120V 240V 480V	mm² mm² mm² cycles	1.5 6 1.5 10 1X10 <sup>6</sup> 5 10 15	
UL technical data	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor	min Max min Max 120V 240V 480V	mm² mm² mm² cycles	1.5 6 1.5 10 1X10 <sup>6</sup> 5 10 15	
UL technical data	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² mm² cycles	1.5 6 1.5 10 1X10 <sup>6</sup> 5 10 15 15	_
UL technical data	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² mm² cycles  HP HP HP HP HP HP	1.5 6 1.5 10 1X10 <sup>6</sup> 5 10 15 15	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² mm² cycles  HP HP HP HP HP HP	1.5 6 1.5 10 1X10 <sup>6</sup> 5 10 15 15	
UL technical data  Motor power for direct-	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor  for single-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² mm² cycles  HP HP HP HP HP HP	1.5 6 1.5 10 1X10 <sup>6</sup> 5 10 15 15	
UL technical data  Motor power for direct-	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² mm² cycles  HP HP HP HP HP HP	1.5 6 1.5 10 1X10 <sup>6</sup> 5 10 15 15	
UL technical data  Motor power for direct-	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor  for single-phase motor	min Max min Max 120V 240V 480V 600V 120V 240V	mm² mm² mm² cycles	1.5 6 1.5 10 1X10 <sup>6</sup> 5 10 15 15	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor  for single-phase motor  Operating temperature	min Max min Max 120V 240V 480V 600V 120V 240V	mm² mm² mm² cycles  HP HP HP HP HP HP	1.5 6 1.5 10 1X10 <sup>6</sup> 5 10 15 15 2 5	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor  for single-phase motor	min Max min Max 120V 240V 480V 600V 120V 240V	mm² mm² mm² cycles  HP HP HP HP HP HP	1.5 6 1.5 10 1X10 <sup>6</sup> 5 10 15 15 2 5	

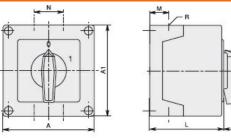


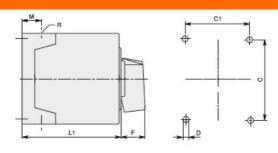
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#### °C +70 max Resistance & Protection Frontal IP degree **IP65** Terminals IP degree IP20

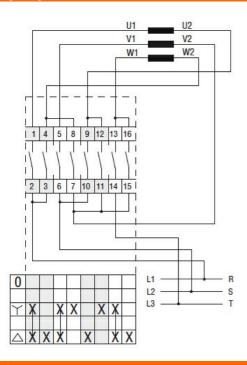
### **Dimension**:





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	1								
GX20		1 - 3	4-7	110	110	00.4	02	4.5	32	01	20.5	0E E	119.5	4xPG21	IP65
GX32		1-2	3-4	110	110	98.4	83	4.5	32	21	39.5	85.5	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