

## ROTARY CAM SWITCH GX SERIES, STAR-DELTA MOTOR STARTER SWITCH 16A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product designation			Rotary cam switches
Product type designation			GX16
General characteristics			
Switching diagram			12 - Star-delta motor starter switch
N° of elements			4
			O - Rear
Mounting form			mounting with black handle
Contact characteristics			black Hariale
Rated insulation voltage Ui			
<b>S</b>	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith			
	IEC/EN	Α	16
	UL/CSA	Α	12
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)		IX V	
Maximum rase size for short circuit protection in (ge)	10kA	Α	16
	15kA	A	16
	25kA	A	16
Rated short time current Icw	ZJKA		10
Rated Short time current icw	10	IzΛ	250
On a directivity	1s	kA	
Conductivity Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			4.0
		Α	16
AC15	44014		
	110V	Α	10
	220/230V	Α	8
	380/400V	Α	4
	660/690V	Α	1.5
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	3.5
	380/440V	kW	4.5
	500/690V	kW	5.5
Single-phase AC-3			
	110V	kW	0.55
	220/230V	kW	1.5
	380/440V	kW	2.2
Three-phase AC23A			
	220/230V	kW	3.7
	380/440V	kW	6.5
	500/690V	kW	7.5
Single-phase AC23A			
	110V	kW	0.75
	220/230V	kW	1.8
	380/440V	kW	3
Rated operational current in DC			



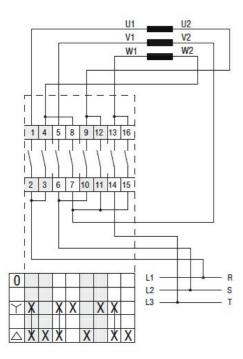
## ROTARY CAM SWITCH GX SERIES, STAR-DELTA MOTOR STARTER SWITCH 16A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

	DC21A			
	DCZTA	48V	Α	16
		60V	A	16
		110V	A	4
		220V	A	0.6
		440V	A	0.25
	DC23A (poles in series)	440 V		0.23
	DOZON (poles in series)	24V	Α	16 (1)
		48V	A	16 (2)
		60V	A	16 (3)
		110V	A	10 (3)
		220V	Α	7 (4)
	DC13			. ( . )
		24V	Α	16
		48V	Α	14
		60V	Α	10
		110V	Α	1
		220V	Α	0.4
		440V	Α	0.15
Power dissipation			W	0.6
Mechanical features				
Terminals screw				3M
Tightening torque for te	erminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
	3	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			
				00
		min	AWG	20
		min Max	AWG AWG	12
	Conductor size (IEC) - Flexible cable			
	Conductor size (IEC) - Flexible cable			
	Conductor size (IEC) - Flexible cable	Max	AWG	12
	Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable	Max min	AWG	0.5
		Max min	AWG	0.5
		Max min Max	AWG mm² mm²	12 0.5 2.5
Mechanical life		Max min Max min	AWG  mm²  mm²  mm²	0.5 2.5 0.5
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max min	AWG  mm² mm²  mm²  mm²	0.5 2.5 0.5 2.5
	Conductor size (IEC) - Rigid cable	Max min Max min	AWG  mm² mm²  mm²  mm²	0.5 2.5 0.5 2.5
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max min Max	AWG  mm² mm²  mm² cycles	0.5 2.5 0.5 2.5 1X10 <sup>6</sup>
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max min Max	AWG  mm² mm²  mm² cycles	12 0.5 2.5 0.5 2.5 1X10 <sup>6</sup>
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max min Max	AWG  mm² mm²  mm² cycles  HP HP	12 0.5 2.5 0.5 2.5 1X10 <sup>6</sup> 1.5 3
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max min Max  120V 240V 480V	AWG  mm² mm² mm² cycles  HP HP	12 0.5 2.5 0.5 2.5 1X10 <sup>6</sup> 1.5 3 5
UL technical data	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor	Max min Max min Max	AWG  mm² mm²  mm² cycles  HP HP	12 0.5 2.5 0.5 2.5 1X10 <sup>6</sup> 1.5 3
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max  min Max  120V 240V 480V 600V	AWG  mm² mm² mm² cycles  HP HP HP	12 0.5 2.5 0.5 2.5 1X10 <sup>6</sup> 1.5 3 5 5
UL technical data	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor	Max min Max min Max  120V 240V 480V 600V	AWG  mm² mm² mm² cycles  HP HP HP HP	12 0.5 2.5 0.5 2.5 1X10° 1.5 3 5 5
UL technical data  Motor power for direct-	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor	Max min Max  min Max  120V 240V 480V 600V	AWG  mm² mm² mm² cycles  HP HP HP	12 0.5 2.5 0.5 2.5 1X10 <sup>6</sup> 1.5 3 5 5
UL technical data  Motor power for direct-	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor	Max min Max min Max  120V 240V 480V 600V	AWG  mm² mm² mm² cycles  HP HP HP HP	12 0.5 2.5 0.5 2.5 1X10° 1.5 3 5 5
UL technical data  Motor power for direct-	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor  for single-phase motor	Max min Max min Max  120V 240V 480V 600V	AWG  mm² mm² mm² cycles  HP HP HP HP	12 0.5 2.5 0.5 2.5 1X10° 1.5 3 5 5
UL technical data  Motor power for direct-	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor	Max min Max min Max  120V 240V 480V 600V  120V 240V	AWG  mm² mm² mm² cycles  HP HP HP HP	12 0.5 2.5 0.5 2.5 1X10 <sup>6</sup> 1.5 3 5 5
UL technical data  Motor power for direct-	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor  for single-phase motor	Max min Max min Max  120V 240V 480V 600V  120V 240V	AWG  mm² mm² mm² cycles  HP HP HP HP HP HP	12 0.5 2.5 0.5 2.5 1X10 <sup>6</sup> 1.5 3 5 5 0.75 1
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	Max min Max min Max  120V 240V 480V 600V  120V 240V	AWG  mm² mm² mm² cycles  HP HP HP HP	12 0.5 2.5 0.5 2.5 1X10 <sup>6</sup> 1.5 3 5 5
UL technical data  Motor power for direct-	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor  for single-phase motor	Max min Max min Max  120V 240V 480V 600V  120V 240V	AWG  mm² mm² mm² cycles  HP HP HP HP HP HP	12 0.5 2.5 0.5 2.5 1X10 <sup>6</sup> 1.5 3 5 5 0.75 1

**ENERGY AND AUTOMATION** 

## ROTARY CAM SWITCH GX SERIES, STAR-DELTA MOTOR STARTER SWITCH 16A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP65
Terminals IP degree			IP20
Dimensions			
Wiring diagrams			



## Certifications and compliance

Compliance

CSA C22.2 n° 14

IEC/EN/BS 60947-1

IEC/EN/BS 60947-3

IEC/EN/BS 60947-5-1

IEC/EN/BS 61058-1

UL60947-4-1

Certificates

cULus EAC

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete