ENERGY AND AUTOMATION

ROTARY CAM SWITCH GX SERIES, STAR-DELTA MOTOR STARTER SWITCH 16A, MODULAR SERVICE COVER FOR 35MM DIN REALL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Product designation Product type designation	on			Rotary cam switches GX16
General characteristics				
Switching diagram				12 - Star-delta motor starter switch
N° of elements				4
Mounting form				O48 - Modular service cover for 35mm din rail mounting with black handle
Contact characteristics				
Rated insulation voltag	e Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstar			kV	6
Conventional free air th	nermal current Ith			4.0
		IEC/EN	A	16
		UL/CSA	<u> </u>	12
Rated operational volta			V	440
Rated operational impulse voltage Maximum fuse size for short-circuit protection In (gG)			kV	4
Maximum fuse size for	snort-circuit protection in (gG)	10kA	Α	16
		15kA	A	16
		25kA	A	16
Rated short time curre	nt Icw	20174		10
rated short time carre	TOW TOW	1s	kA	250
Conductivity				10/5 mA/V
Operational current le	IEC/EN			
	AC1/AC21A			
			Α	16
	AC15			
		110V	Α	10
		220/230V	Α	8
		380/400V	Α	4
		660/690V	Α	1.5
Rated operational pow				
	Three-phase AC-3			
		220/230V	kW	3.5
		380/440V	kW	4.5
	Single phase AC 2	500/690V	kW	5.5
	Single-phase AC-3	4401/	12101	0.55
		110V 220/230V	kW kW	0.55 1.5
		380/440V	kW	2.2
	Three-phase AC23A	J00/440 V	IV V V	<i>L.L</i>
	Tilloo pilaso NOZSA	220/230V	kW	3.7
		380/440V	kW	6.5
		500/690V	kW	7.5
	Single-phase AC23A	333,3301		
	J - F	110V	kW	0.75
		220/230V	kW	1.8

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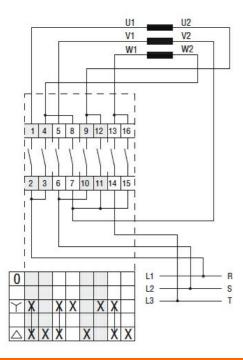
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Rated operational current in DC			380/440V	kW	3
ABV	Rated operational curr				
Conductor size (IEC) - Flexible cable Cond		DC21A			
1100					
Part					
DC23A (poles in series)					
DC23A (poles in series)					
Recommendation			440V	A	0.25
ABV		DC23A (poles in series)	0.417		40 (4)
Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable Conduc					
1100					
DC13					
DC13					
Rechance		D040	220V	A	7 (4)
A		DC13	241/	۸	16
Conductor size (IEC) - Flexible cable Power for direct-on-line control for three-phase motor For single-phase motor					
110V					
Power dissipation					
Power dissipation W 0.6					
Power dissipation W 0.6					
Mechanical features	Power dissination		44UV		
Terminals screw 3M Tightening torque for terminals max Nm 0.5				VV	0.6
AWG - Rigid cable					3M
AWG - Rigid cable		erminals max		Nm	
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 Conductor size (IEC) - Rigid cable min mm² 0.5 Max mm² 2.5 Mechanical life cycles 1X10° UL technical data vector vector					
Max AWG 20 Max AWG 12 AWG Flexible cable min AWG 20 Max AWG 12 AWG Flexible cable min AWG 20 Max AWG 12 AWG 12 AWG 12 AWG Max MWG 12 AWG Max Mm2 2.5 AWG Max Mm2 AWG Max Mm2 AWG		AWG - Rigid cable			
AWG - Flexible cable		3	min	AWG	20
AWG - Flexible cable					
Max		AWG - Flexible cable			_
Max			min	AWG	20
Max min mm² 0.5 Max mm² 2.5			Max	AWG	
Max mm² 2.5		Conductor size (IEC) - Flexible cable			
Conductor size (IEC) - Rigid cable			min	mm²	0.5
Max min Max mm² mm² mm² 2.5 Mechanical life cycles 1X10° UL technical data Motor power for direct-on-line control for three-phase motor 120V HP 1.5 240V HP 3 480V HP 5 600V HP 5 5 for single-phase motor 120V HP 0.75 240V HP 1 1 Ambient conditions 240V HP 1 Temperature min °C -25			Max	mm²	2.5
Max min Max mm² mm² mm² 2.5 Mechanical life cycles 1X10° UL technical data Motor power for direct-on-line control for three-phase motor 120V HP 1.5 240V HP 3 480V HP 5 600V HP 5 5 for single-phase motor 120V HP 0.75 240V HP 1 1 Ambient conditions 240V HP 1 Temperature min °C -25		Conductor size (IEC) - Rigid cable			
Mechanical life cycles 1X10 ⁶ UL technical data Motor power for direct-on-line control 120V HP 1.5 240V HP 3 3 480V HP 5 600V HP 5 for single-phase motor 120V HP 0.75 240V HP 1 Ambient conditions Temperature Operating temperature			min	mm²	0.5
Motor power for direct-on-line control			Max	mm²	2.5
Motor power for direct-on-line control for three-phase motor 120V HP 1.5 240V HP 3 480V HP 5 600V HP 5 for single-phase motor 120V HP 0.75 240V HP 1 Ambient conditions Temperature Operating temperature min °C -25				cycles	1X10 ⁶
for three-phase motor 120V					
120V	Motor power for direct				
240V		for three-phase motor			
A80V					
600V HP 5					
for single-phase motor 120V HP 0.75 240V HP 1 Ambient conditions Temperature Operating temperature min °C -25					
120V HP 0.75 240V HP 1 Ambient conditions Temperature Operating temperature min °C -25			600V	HP	5
Ambient conditions Temperature Operating temperature min °C -25		for single-phase motor			
Ambient conditions Temperature Operating temperature min °C -25					
Temperature Operating temperature min °C -25			240V	HP	1
Operating temperature min °C -25					
min °C -25	Temperature				
		Operating temperature	<u>-</u>	^ -	
max °C +55					
			max		+55

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Storage temperature				
3 .	min max	°C	-40 +70	
Resistance & Protection	IIIdX	U	+70	
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