

Product designation	Rotary cam switches		
Product type designation	GX16		
<b>General characteristics</b>			
Switching diagram	11 - 3-phase motor reversing switch		
N° of elements	3		
Mounting form	O88 - Rear mounting with red/yellow handle padlockable in 0, door coupling and protection covers		
<b>Contact characteristics</b>			
Rated insulation voltage $U_i$	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage $U_{imp}$		kV	6
Conventional free air thermal current $I_{th}$	IEC/EN	A	16
	UL/CSA	A	12
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection $I_n$ (gG)	10kA	A	16
	15kA	A	16
	25kA	A	16
Rated short time current $I_{cw}$			
	1s	A	250
Conductivity			10/5 mA/V
Operational current $I_e$ IEC/EN	AC1/AC21A		
		A	16
AC15	110V	A	10
	220/230V	A	8
	380/400V	A	4
	660/690V	A	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
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Rated operational current in DC			
DC21A	48V	A	16
	60V	A	16
	110V	A	4
	220V	A	0.6
	440V	A	0.25
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DC23A (poles in series)	24V	A	16 (1)
	48V	A	16 (2)
	60V	A	16 (3)
	110V	A	10 (3)
	220V	A	7 (4)
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DC13	24V	A	16
	48V	A	14
	60V	A	10
	110V	A	1
	220V	A	0.4
	440V	A	0.15
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Power dissipation		W	0.6
<b>Mechanical features</b>			
Terminals screw			3M
Tightening torque for terminals max		Nm	0.5
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Conductor size			
AWG - Rigid cable	min	AWG	20
	Max	AWG	12
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AWG - Flexible cable	min	AWG	20
	Max	AWG	12
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Conductor size (IEC) - Flexible cable	min	mm <sup>2</sup>	0.5
	Max	mm <sup>2</sup>	2.5
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Conductor size (IEC) - Rigid cable	min	mm <sup>2</sup>	0.5
	Max	mm <sup>2</sup>	2.5
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Mechanical life		cycles	1X10 <sup>6</sup>
<b>UL technical data</b>			
Motor power for direct-on-line control			
for three-phase motor	120V	HP	1.5
	240V	HP	3
	480V	HP	5
	600V	HP	5
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for single-phase motor	120V	HP	0.75
	240V	HP	1
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<b>Ambient conditions</b>			
Temperature			
Operating temperature			

min	°C	-25
max	°C	+55

Storage temperature

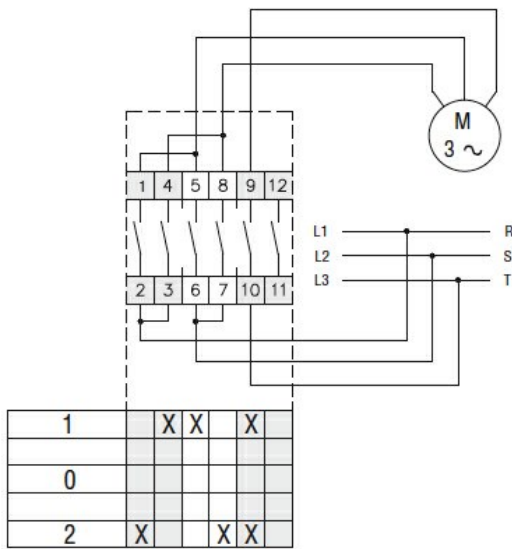
min	°C	-40
max	°C	+70

**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