electric ENCLOSED ROTARY CAM SWITCH 7GX SERIES, ON-OFF SWITCH 2 POLES 16A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE **ENERGY AND AUTOMATION**

Product designation			Enclosed rotary cam switch
Product type designation			GX16
General characteristics			
Switching diagram			06 - ON/OFF switch 2 poles
N° of elements			1
Mounting form			P - Plastic enclosure with black handle
Contact characteristics			J. G. G. T.
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	A	16
Dated analysis and valters	UL/CSA	A V	12 440
Rated operational impulse voltage		kV	440
Rated operational impulse voltage Maximum fuse size for short-circuit protection In (gG)		KV	4
Maximum ruse size for short-circuit protection in (99)	10kA	Α	16
	15kA	A	16
	25kA	Α	16
Rated short time current Icw			
	1s	kA	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
- 		Α	16
AC15	440		4.0
	110V	A	10
	220/230V 380/400V	A A	8 4
	660/690V	A	1.5
Rated operational power in AC	000/090 V		1.5
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	000/0001	[21.6]	2.7
	220/230V	kW	3.7
	380/440V 500/690V	kW kW	6.5 7.5
Single-phase AC23A	300/030 V	17. A. A.	1.0
Siligie-pilase AOZOA	110V	kW	0.75
	220/230V	kW	1.8
	380/440V	kW	3

ENERGY AND AUTOMATION

Power dissipation
Mechanical features
Terminals screw
Tightening torque for
Conductor size

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	H BLACK HANDLE		
DC21A			
	48V	Α	16
	60V	Α	16
	110V	Α	4
	220V	Α	0.6
	440V	Α	0.25
DC23A (poles in series)			
	24V	Α	16 (1)
	48V	Α	16 (2)
	60V	Α	16 (3)
	110V	Α	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
		W	0.6
			3M
terminals max		Nm	0.5
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 (IFC) - 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 ⁶	
UL technical data				

Motor power for direct-on-line control for three-phase motor

for tiffee-priase 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

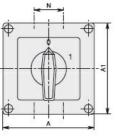
Operating temperature

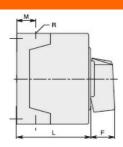
	min max	°C °C		
Storage temperature	min	°C	-40	

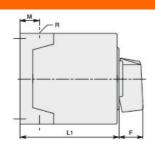
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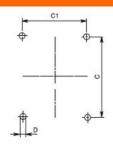
ENERGY AND AUTOMATION





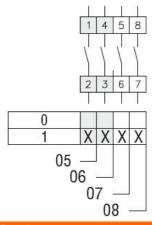






GX16 GX20	90x90	1-2	3-5 3-5	90	90	79	79	4.5	25	19	30	71.3	98.3	4xPG16	IP65
GX16	110x110	1 - 3	4-7				1					1			
GX20		1 - 3	4-7	110	110	00.4	00	4.5	20	04	20.5	05.5	1105	40004	IDCC
GX32		1 - 2	3-4	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65
GX40		1 - 2	3-4												

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