

Product designation	Rotary cam switches	
Product type designation	GX16	
General characteristics		
Switching diagram	25 - 1-phase motor reversing switch with spring return	
N° of elements	2	
Mounting form	O48 - Modular service cover for 35mm din rail mounting with black 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 A 16 UL/CSA A 12	
Rated operational voltage	V 440	
Rated operational impulse voltage	kV 4	
Maximum fuse size for short-circuit protection In (gG)	10kA A 16 15kA A 16 25kA A 16	
Rated short time current Icw	1s kA 250	
Conductivity	10/5 mA/V	
Operational current le 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	

ROTARY CAM SWITCH GX SERIES, 1-PHASE MOTOR REVERSING SWITCH WITH SPRING RETURN 16A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

220/230V	kW	1.8
380/440V	kW	3

Rated operational current in DC

DC21A

48V	A	16
60V	A	16
110V	A	4
220V	A	0.6
440V	A	0.25

DC23A (poles in series)

24V	A	16 (1)
48V	A	16 (2)
60V	A	16 (3)
110V	A	10 (3)
220V	A	7 (4)

DC13

24V	A	16
48V	A	14
60V	A	10
110V	A	1
220V	A	0.4
440V	A	0.15

Power dissipation

W 0.6

Mechanical features

Terminals screw 3M

Tightening torque for terminals max Nm 0.5

Conductor size

AWG - Rigid cable

min	AWG	20
Max	AWG	12

AWG - Flexible cable

min	AWG	20
Max	AWG	12

Conductor size (IEC) - Flexible cable

min	mm ²	0.5
Max	mm ²	2.5

Conductor size (IEC) - Rigid cable

min	mm ²	0.5
Max	mm ²	2.5

Mechanical life cycles 1X10⁶

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

for single-phase motor

120V	HP	0.75
240V	HP	1

Ambient conditions

Temperature

Operating temperature

min	°C	-25
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	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70

Resistance & Protection

Frontal IP degree

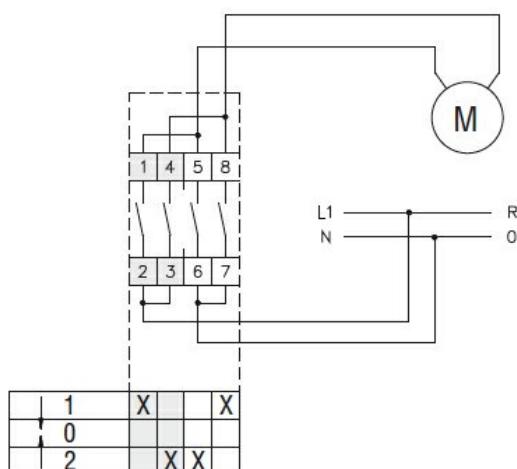
IP65

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