

ROTARY CAM SWITCH GX SERIES, 1-PHASE MOTOR REVERSING SWITCH WITH SPRING RETURN 40A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE 65X65MM

Product designation	Rotary cam switches		
Product type designation	GX40		
<b>General characteristics</b>			
Switching diagram	25 - 1-phase motor reversing switch with spring return		
N° of elements	2		
Mounting form	O88 - Rear mounting with red/yellow handle padlockable in 0, door coupling and protection covers		
<b>Contact characteristics</b>			
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	40
	UL/CSA	A	40
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	10kA	A	40
	15kA	A	35
	25kA	A	35
Rated short time current Icw	1s	kA	1000
Conductivity	10/5 mA/V		
Operational current Ie IEC/EN			
AC1/AC21A		A	40
AC15		A	40
	110V	A	25
	220/230V	A	22
	380/400V	A	12
	660/690V	A	2
Rated operational power in AC			
Three-phase AC-3	220/230V	kW	7.5
	380/440V	kW	15
	500/690V	kW	15
Single-phase AC-3	110V	kW	2.2
	220/230V	kW	4.4
	380/440V	kW	7
Three-phase AC23A	220/230V	kW	9
	380/440V	kW	18.5
	500/690V	kW	15

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Single-phase AC23A	110V	kW	3
	220/230V	kW	5.2
	380/440V	kW	7.5
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Rated operational current in DC			
DC21A			
	48V	A	40
	60V	A	40
	110V	A	6
	220V	A	0.8
	440V	A	0.25
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DC23A (poles in series)			
	24V	A	40 (1)
	48V	A	40 (1)
	60V	A	40 (3)
	110V	A	40 (3)
	220V	A	12 (4)
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DC13			
	24V	A	40
	48V	A	32
	60V	A	16
	110V	A	3
	220V	A	0.5
	440V	A	0.15
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Power dissipation		W	1.6
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Mechanical features			
Terminals screw			M4
Tightening torque for terminals max		Nm	1.2
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Conductor size			
AWG - Rigid cable			
	min	AWG	16
	Max	AWG	8
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AWG - Flexible cable			
	min	AWG	16
	Max	AWG	10
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Conductor size (IEC) - Flexible cable			
	min	mm <sup>2</sup>	1.5
	Max	mm <sup>2</sup>	6
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Conductor size (IEC) - Rigid cable			
	min	mm <sup>2</sup>	1.5
	Max	mm <sup>2</sup>	10
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Mechanical life		cycles	1X10 <sup>6</sup>
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UL technical data			
Motor power for direct-on-line control			
for three-phase motor			
	120V	HP	5
	240V	HP	10
	480V	HP	15
	600V	HP	15
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for single-phase motor			
	120V	HP	2
	240V	HP	5
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Ambient conditions			
Temperature			

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Operating temperature

min	°C	-25
max	°C	+55

Storage temperature

min	°C	-40
max	°C	+70

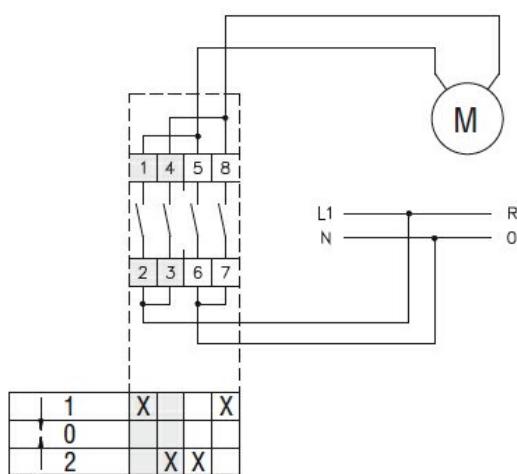
**Resistance & Protection**

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