



Product designation	Rotary cam switches		
Product type designation	GX20		
<b>General characteristics</b>			
Switching diagram	90 - ON/OFF switch 1 pole		
N° of elements	1		
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	20
	UL/CSA	A	15
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection $I_n$ (gG)	10kA	A	20
	15kA	A	20
	25kA	A	20
Rated short time current $I_{cw}$	1s	kA	250
	Conductivity 10/5 mA/V		
Operational current $I_e$ IEC/EN	AC1/AC21A		A 20
	AC15		
	110V	A	10
	220/230V	A	8
	380/400V	A	6
	660/690V	A	1.5
Rated operational power in AC	Three-phase AC-3		
	220/230V	kW	3.7
	380/440V	kW	5.5
	500/690V	kW	5.5
	Single-phase AC-3		
	110V	kW	0.75

ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 1 POLE 20A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE 48X48MM

	220/230V	kW	1.8
	380/440V	kW	3
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Three-phase AC23A	220/230V	kW	4
	380/440V	kW	7.5
	500/690V	kW	7.5
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Single-phase AC23A	110V	kW	0.75
	220/230V	kW	2.2
	380/440V	kW	3.5
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Rated operational current in DC			
DC21A	48V	A	20
	60V	A	20
	110V	A	4
	220V	A	0.6
	440V	A	0.25
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DC23A (poles in series)	24V	A	20 (1)
	48V	A	20 (2)
	60V	A	20 (3)
	110V	A	10 (3)
	220V	A	8 (4)
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DC13	24V	A	20
	48V	A	16
	60V	A	12
	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			M3
Tightening torque for terminals max		Nm	0.8
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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
for single-phase motor			
	120V	HP	0.75
	240V	HP	1.5

**Ambient conditions**

Temperature

Operating temperature

min	°C	-25
max	°C	+55

Storage temperature

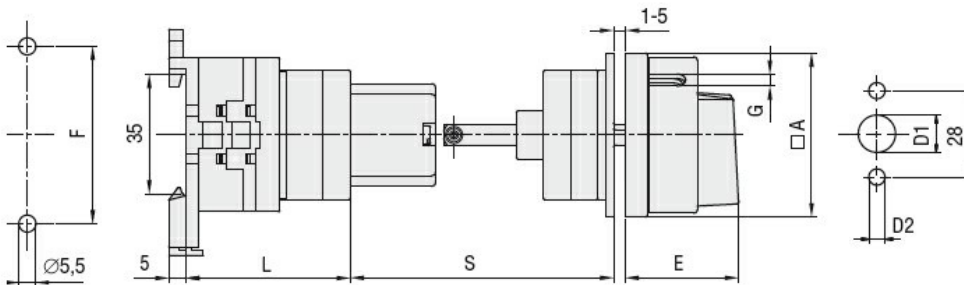
min	°C	-40
max	°C	+70

**Resistance & Protection**

Frontal IP degree IP65

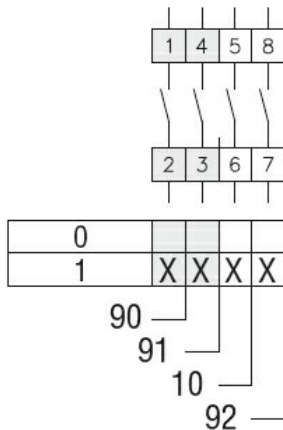
Terminals IP degree IP20

**Dimensions**



Series	Dimensions								L			
	□A	D1	D2	E	F	□K	G	S	1	2	3...12	
<b>GX16</b>	48	12	5	34.2	52	36	5	45-55	40	48.5	57	133.5
<b>GX20</b>	48	12	5	34.2	52	36	5	45-55	40	48.5	57	133.5
<b>GX32</b>	65	14	5	38	68	48	6	45-55	51	63	75	183
<b>GX40</b>	65	14	5	38	68	48	6	45-55	51	63	75	183

**Wiring diagrams**



**Certifications and compliance**

Compliance

CSA C22.2 n° 14  
IEC/EN/BS 60947-1

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COVERS, FRONT PLATE 48X48MM

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IEC/EN/BS 60947-3

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IEC/EN/BS 60947-5-1

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IEC/EN/BS 61058-1

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UL60947-4-1

Certificates

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cULus

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EAC

ETIM classification

ETIM 8.0

EC001029 -  
Selector switch,  
complete