

ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 3 POLES 20A, FOR REAR MOUNTING
WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION
COVERS, FRONT PLATE 48X48MM

Product designation	Rotary cam switches	
Product type designation	GX20	
General characteristics		
Switching diagram	07 - ON/OFF switch 3 poles	
N° of elements	2	
Mounting form	O88 - Rear mounting with red/yellow handle padlockable in 0, door coupling and protection covers	
Contact characteristics		
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 0.75 220/230V kW 1.8 380/440V kW 3	
Three-phase AC23A	220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5	
Single-phase AC23A	110V kW 0.75	

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220/230V	kW	2.2
380/440V	kW	3.5

Rated operational current in DC

DC21A

48V	A	20
60V	A	20
110V	A	4
220V	A	0.6
440V	A	0.25

DC23A (poles in series)

24V	A	20 (1)
48V	A	20 (2)
60V	A	20 (3)
110V	A	10 (3)
220V	A	8 (4)

DC13

24V	A	20
48V	A	16
60V	A	12
110V	A	1
220V	A	0.4
440V	A	0.15

Power dissipation W 0.6

Mechanical features

Terminals screw M3

Tightening torque for terminals max Nm 0.8

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	1.5

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

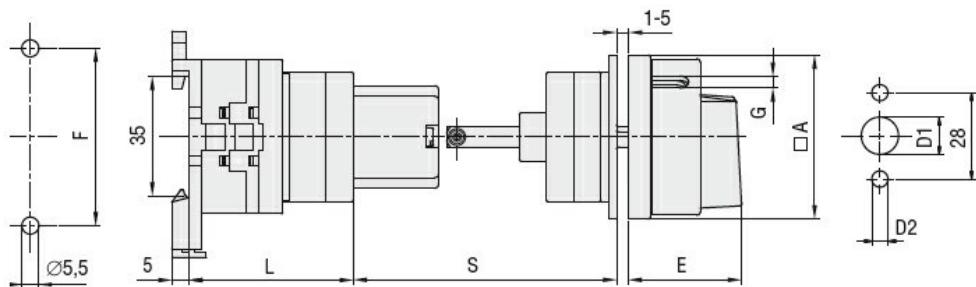
Frontal IP degree

IP65

Terminals IP degree

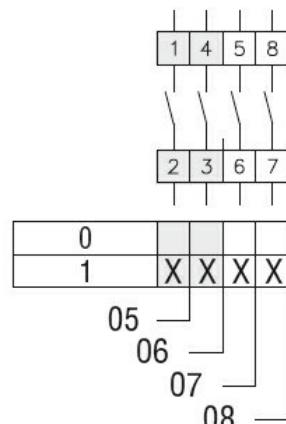
IP20

Dimensions



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

IEC/EN/BS 60947-3

IEC/EN/BS 60947-5-1

IEC/EN/BS 61058-1

UL60947-4-1

Certificates

cULus

EAC

ETIM classification

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ETIM 8.0

EC001029 -
Selector switch,
complete