

Product designation	Rotary cam switches		
Product type designation	GX32		
General characteristics			
Switching diagram	05 - ON/OFF switch 1 pole		
N° of elements	1		
Mounting form	O - Rear mounting with black handle		
Contact characteristics			
Rated insulation voltage U_i	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage U_{imp}		kV	6
Conventional free air thermal current I_{th}	IEC/EN UL/CSA	A A	32 32
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection I_n (gG)	10kA 15kA 25kA	A	35 35 35
Rated short time current I_{cw}	1s	kA	1000
Conductivity			10/5 mA/V
Operational current I_e IEC/EN			
AC1/AC21A		A	32
AC15	110V 220/230V 380/400V 660/690V	A	25 20 10 2
Rated operational power in AC			
Three-phase AC-3	220/230V 380/440V 500/690V	kW	7.5 11 11
Single-phase AC-3	110V 220/230V 380/440V	kW	1.8 3.5 5.5
Three-phase AC23A	220/230V 380/440V 500/690V	kW	8 15 15
Single-phase AC23A	110V 220/230V 380/440V	kW	2.2 3.5 6
Rated operational current in DC			

DC21A

48V	A	32
60V	A	32
110V	A	5
220V	A	0.8
440V	A	0.25

DC23A (poles in series)

24V	A	32 (1)
48V	A	32 (2)
60V	A	32 (3)
110V	A	15 (3)
220V	A	12 (4)

DC13

24V	A	32
48V	A	25
60V	A	14
110V	A	3
220V	A	0.5
440V	A	0.15

Power dissipation	W	1.6
-------------------	---	-----

Mechanical features

Terminals screw	M4
-----------------	----

Tightening torque for terminals max	Nm	1.2
-------------------------------------	----	-----

Conductor size
AWG - Rigid cable

min	AWG	16
Max	AWG	8

AWG - Flexible cable

min	AWG	16
Max	AWG	10

Conductor size (IEC) - Flexible cable

min	mm ²	1.5
Max	mm ²	6

Conductor size (IEC) - Rigid cable

min	mm ²	1.5
Max	mm ²	10

Mechanical life	cycles	1X10 ⁶
-----------------	--------	-------------------

UL technical data
Motor power for direct-on-line control
for three-phase motor

120V	HP	3
240V	HP	7.5
480V	HP	15
600V	HP	15

for single-phase motor

120V	HP	1.5
240V	HP	3

Ambient conditions
Temperature
Operating temperature

min	°C	-25
max	°C	+55

Storage temperature

min	°C	-40
-----	----	-----

Resistance & Protection

Frontal IP degree

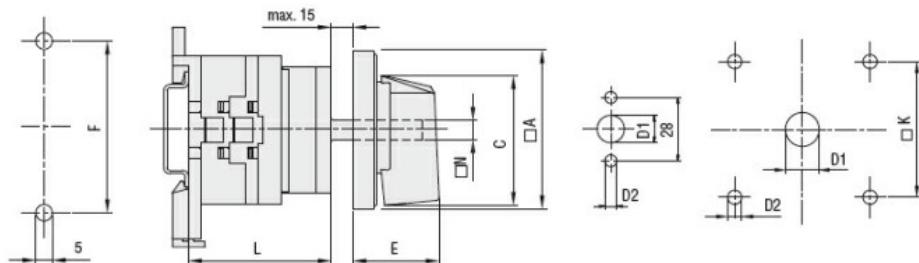
max °C +70

Terminals IP degree

IP65

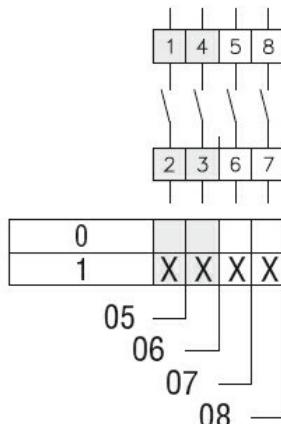
Dimensions

IP20



Series	Dimensions					L Number of elements											
	□A	C	E	F	□N	1	2	3	4	5	6	7	8	9	10	11	12
GX16	48	39.5	26.5	52	6	37	45.5	54	62.5	71	79.5	88	96.5	105	113.5	122	130.5
GX20	48	39.5	26.5	52	6	37	45.5	54	62.5	71	79.5	88	96.5	105	113.5	122	130.5
GX32	65	53	34.5	68	7	48	60	72	84	96	108	120	132	144	156	168	180
GX40	65	53	34.5	68	7	48	60	72	84	96	108	120	132	144	156	168	180

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