



Product designation	Rotary cam switches		
Product type designation	GX16		
<b>General characteristics</b>			
Switching diagram	91 - ON/OFF switch 2 poles		
N° of elements	1		
Mounting form	O - Rear mounting with black handle		
<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	16
	UL/CSA	A	12
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection $I_n$ (gG)	10kA	A	16
	15kA	A	16
	25kA	A	16
Rated short time current $I_{cw}$	1s	kA	250
	Conductivity 10/5 mA/V		
Operational current $I_e$ IEC/EN	AC1/AC21A		A 16
	AC15		
	110V	A	10
	220/230V	A	8
	380/400V	A	4
Rated operational power in AC	660/690V		A 1.5
	Three-phase AC-3		
	220/230V	kW	3.5
	380/440V	kW	4.5
	500/690V	kW	5.5
Single-phase AC-3	Three-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
	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
<b>Mechanical features</b>			
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 <sup>2</sup>	0.5
	Max	mm <sup>2</sup>	2.5
Conductor size (IEC) - Rigid cable			
	min	mm <sup>2</sup>	0.5
	Max	mm <sup>2</sup>	2.5
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

**Ambient conditions**

Temperature

Operating temperature

min	°C	-25
max	°C	+55

Storage temperature

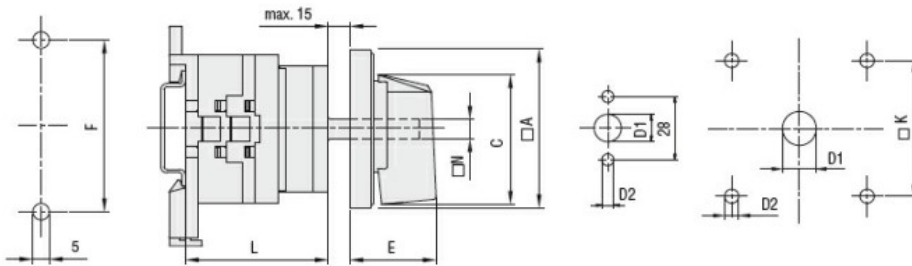
min	°C	-40
max	°C	+70

**Resistance & Protection**

Frontal IP degree IP65

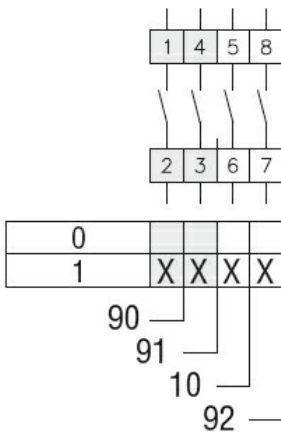
Terminals IP degree IP20

**Dimensions**



Series	Dimensions					L Number of elements											
	□A	C	E	F	□N	1	2	3	4	5	6	7	8	9	10	11	12
<b>GX16</b>	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
<b>GX20</b>	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
<b>GX32</b>	65	53	34.5	68	7	48	60	72	84	96	108	120	132	144	156	168	180
<b>GX40</b>	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