

Product designation	Rotary cam switches		
Product type designation	GX16		
General characteristics			
Switching diagram	68 - Voltmeter switch for phase-neutral voltages		
N° of elements	2		
Mounting form	U47 - Snap on fron mounting with black handle for hole diam. 22mm finxing		
Contact characteristics			
Rated insulation voltage Ui	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith	IEC/EN UL/CSA	A A	16 12
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	10kA 15kA 25kA	A A A	16 16 16
Rated short time current Icw	1s	kA	250
Conductivity	10/5 mA/V		
Operational current Ie IEC/EN			
AC1/AC21A		A	16
AC15	110V 220/230V 380/400V 660/690V	A A A A	10 8 4 1.5
Rated operational power in AC			
Three-phase AC-3	220/230V 380/440V 500/690V	kW kW kW	3.5 4.5 5.5
Single-phase AC-3	110V 220/230V 380/440V	kW kW kW	0.55 1.5 2.2
Three-phase AC23A	220/230V 380/440V 500/690V	kW kW kW	3.7 6.5 7.5
Single-phase AC23A	110V	kW	0.75

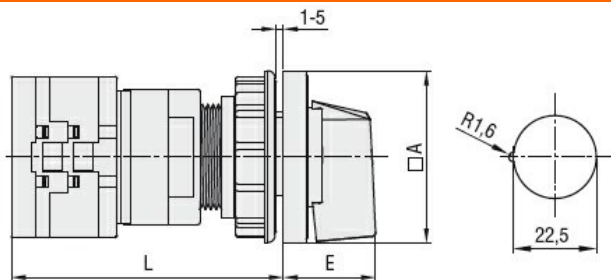
		220/230V	kW	1.8
		380/440V	kW	3
Rated operational current in DC				
DC21A				
		48V	A	16
		60V	A	16
		110V	A	4
		220V	A	0.6
		440V	A	0.25
DC23A (poles in series)				
		24V	A	16 (1)
		48V	A	16 (2)
		60V	A	16 (3)
		110V	A	10 (3)
		220V	A	7 (4)
DC13				
		24V	A	16
		48V	A	14
		60V	A	10
		110V	A	1
		220V	A	0.4
		440V	A	0.15
Power dissipation			W	0.6
Mechanical features				
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>
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
Ambient conditions				
Temperature				
Operating temperature				
	min	°C		-25

Storage temperature	max	°C	+55
	min	°C	-40
	max	°C	+70

#### Resistance & Protection

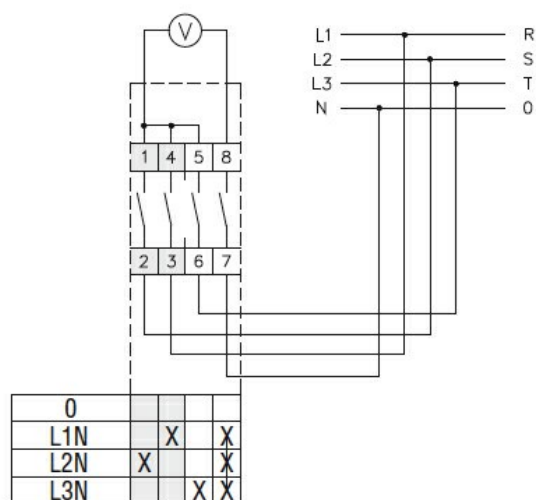
Frontal IP degree	IP65
Terminals IP degree	IP20

#### Dimensions



Series	Dimensions		L			
	□A	E	1	2	3...8	
<b>GX16</b>	48	26.5	64.9	73.4	81.9	124.4
<b>GX20</b>	48	26.5	64.9	73.4	81.9	124.4

#### 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