

Product designation	Rotary cam switches		
Product type designation	GX16		
General characteristics			
Switching diagram	05 - ON/OFF switch 1 pole		
N° of elements	1		
Mounting form	O48 - Modular service cover for 35mm din rail mounting with black handle		
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	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	A	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
	660/690V	A	1.5
Rated operational power in AC			
Three-phase AC-3	220/230V	kW	3.5
	380/440V	kW	4.5
	500/690V	kW	5.5
Single-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	
<b>Ambient conditions</b>			
Temperature			
Operating temperature			
min	°C	-25	
max	°C	+55	

Storage temperature

min	°C	-40
max	°C	+70

Resistance & Protection

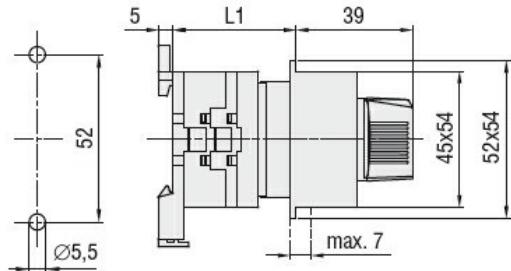
Frontal IP degree

IP65

Terminals IP degree

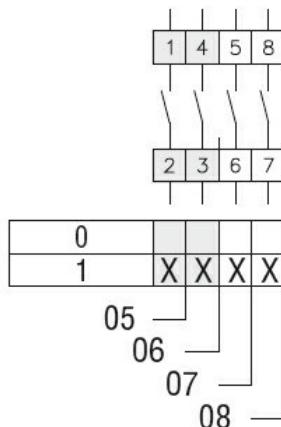
IP20

Dimensions



Series	L1		
	1	2	3
<b>GX16</b>	33	41.5	50
<b>GX20</b>	33	41.5	50

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