



Product designation				Rotary cam switches
Product type designation				GX20
General characteristics				
Switching diagram				03 - ON/OFF spring return switch 3 poles
N° of elements				2
Mounting form				U11 - Front mounting with black handle without front plate for hole diam. 22mm fixing
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	20 15
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	20 20 20
Rated short time current Icw		1 s	kA	250
Conductivity	10/5 mA/V			
Operational current Ie IEC/EN				
AC1/AC21A			A	20
AC15		110V 220/230V 380/400V 660/690V	A A A A	10 8 6 1.5
Rated operational power in AC				
Three-phase AC-3		220/230V 380/440V 500/690V	kW kW kW	3.7 5.5 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
	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	1X10 ⁶
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
max	°C	+55

Storage temperature

min	°C	-40
max	°C	+70

Resistance & Protection

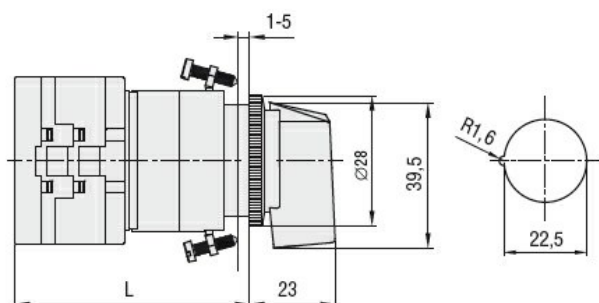
Frontal IP degree

IP65

Terminals IP degree

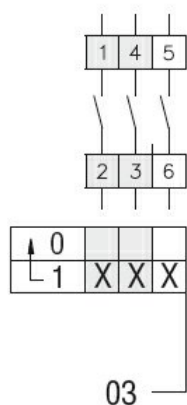
IP20

Dimensions



Series	L			
	1	2	3...8	
GX16	54	62.5	71	147.5
GX20	54	62.5	71	147.5

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