

Product designation			Rotary cam switches	
Product type designation			GX20	
General characteristics				
Switching diagram			68 - Voltmeter switch for phase-neutral voltages	
N° of elements			2	
Mounting form			O - Rear mounting with black handle	
Contact characteristics				
Rated insulation voltage Ui			IEC/EN V	690
			UL/CSA V	600
Rated impulse withstand voltage Uimp			kV	6
Conventional free air thermal current Ith			IEC/EN A	20
			UL/CSA A	15
Rated operational voltage			V	440
Rated operational impulse voltage			kV	4
Maximum fuse size for short-circuit protection In (gG)			10kA A	20
			15kA A	20
			25kA A	20
Rated short time current Icw			1s kA	250
Conductivity			10/5 mA/V	
Operational current Ie IEC/EN AC1/AC21A			A	20
AC15			110V A	10
			220/230V A	8
			380/400V A	6
			660/690V A	1.5
Rated operational power in AC Three-phase AC-3			220/230V kW	3.7
			380/440V kW	5.5
			500/690V kW	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 1X10⁶

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

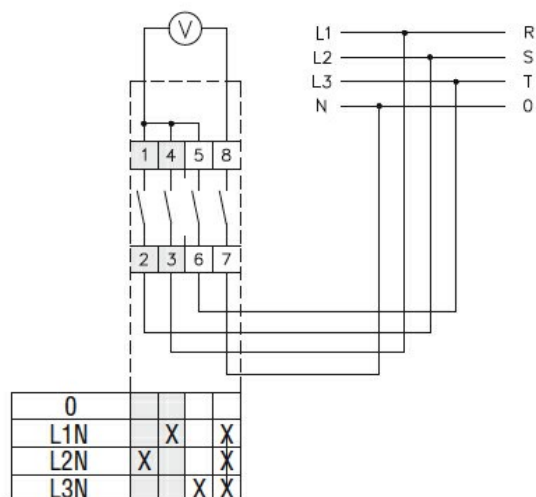
min	°C	-40
max	°C	+70

Resistance & Protection

Frontal IP degree	IP65
Terminals IP degree	IP20

Dimensions

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