

Product designation

Rotary cam
switches

Product type designation

GX20

General characteristics

Switching diagram

66 - Voltmeter
switch for phase-
neutral and
phase-phase
voltages

N° of elements

3

Mounting form

O - Rear
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
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Conventional free air thermal current I_{th}

IEC/EN	A	20
UL/CSA	A	15

Rated operational voltage

V	440
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Rated operational impulse voltage

kV	4
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Maximum fuse size for short-circuit protection I_n (gG)

10kA	A	20
15kA	A	20
25kA	A	20

Rated short time current I_{cw}

1s	kA	250
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Conductivity

10/5 mA/V

Operational current I_e IEC/EN

AC1/AC21A

A	20
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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
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		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

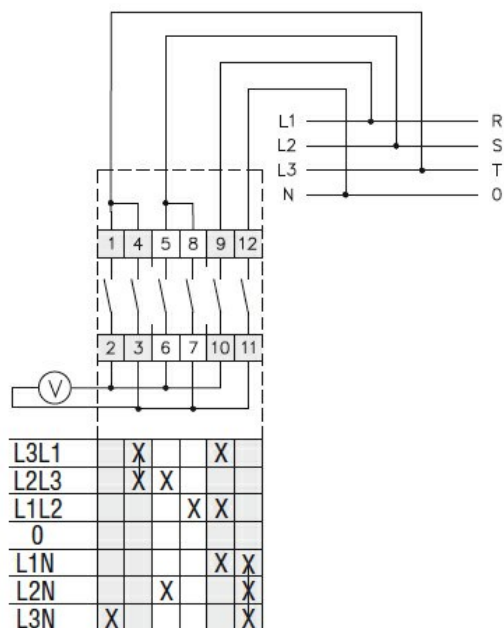
Storage temperature	max	°C	+55
	min	°C	-40
	max	°C	+70

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
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