

Product designation				Rotary cam switches
Product type designation				GF20
General characteristics				
Switching diagram				55 - Changeover switch without 0 2 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 V 480
				UL/CSA V 240
Rated impulse withstand voltage Uimp				kV 4
Conventional free air thermal current Ith				
				IEC/EN A 20
				UL/CSA A 15
Rated operational voltage				V 480
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
Rated operational power in AC				
Three-phase AC-3				
				220/230V kW 3
				380/440V kW 5
Single-phase AC-3				
				110V kW 0.5
				220/230V kW 1.5
				380/440V kW 2
Three-phase AC23A				
				220/230V kW 4
				380/440V kW 7.5
Single-phase AC23A				
				110V kW 0.75
				220/230V kW 2
				380/440V kW 2.5
Rated operational current in DC				

DC21A

48V	A	20
60V	A	20
110V	A	4
220V	A	0.7
440V	A	0.2

DC13

24V	A	6
48V	A	6
60V	A	3
110V	A	1
220V	A	0.4
440V	A	0.15

Power dissipation W 0.8

Mechanical features

Terminals screw M3

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 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

240V	HP	3
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for single-phase motor

240V	HP	1
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Ambient conditions

Temperature

Operating temperature

min	°C	-25
max	°C	+55

Storage temperature

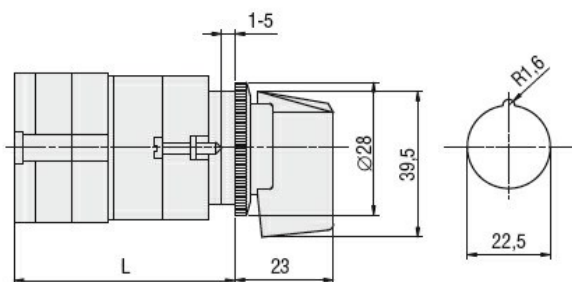
min	°C	-40
max	°C	+70

Resistance & Protection

Frontal IP degree IP40

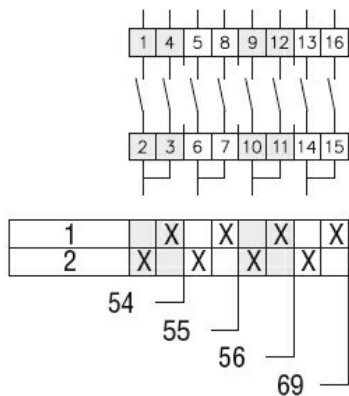
Terminals IP degree IP20

Dimensions



Series	L			
	1	2	3...8	
GF20	54.5	68	81.5	203

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
UL60947-4-1

Certificates

cULus
EAC

ETIM classification

ETIM 8.0

EC001029 -
Selector switch,
complete