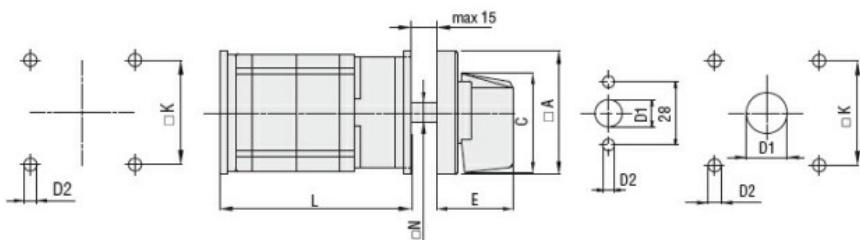


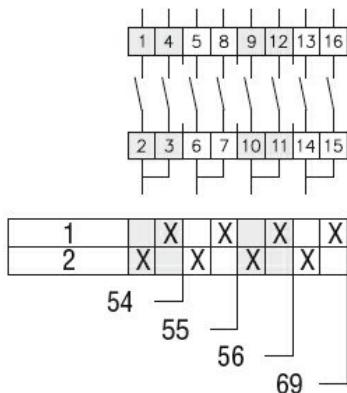
Product designation	Rotary cam switches
Product type designation	GF20
<b>General characteristics</b>	
Switching diagram	56 - Changeover switch without 0 3 poles
N° of elements	3
Mounting form	O - Rear mounting with black handle
<b>Contact characteristics</b>	
Rated insulation voltage Ui	IEC/EN V 480 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
<b>Mechanical features</b>			
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 <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	240V	HP	3
for single-phase motor	240V	HP	1
<b>Ambient conditions</b>			
Temperature			
Operating temperature			
	min	°C	-25
	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70
<b>Resistance &amp; Protection</b>			
Frontal IP degree			IP40
Terminals IP degree			IP20
<b>Dimensions</b>			



Series	Dimensions							L Number of elements											
	A	C	D1	D2	E	K	N	1	2	3	4	5	6	7	8	9	10	11	12
GF20	48	39.5	12	5	26.5	36	6	46	59.5	73	86.5	100	113.5	127	140.5	154	167.5	181	194.5

### 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

UL60947-4-1

#### Certificates

cULus

EAC

### ETIM classification

#### ETIM 8.0

EC001029 -  
Selector switch,  
complete