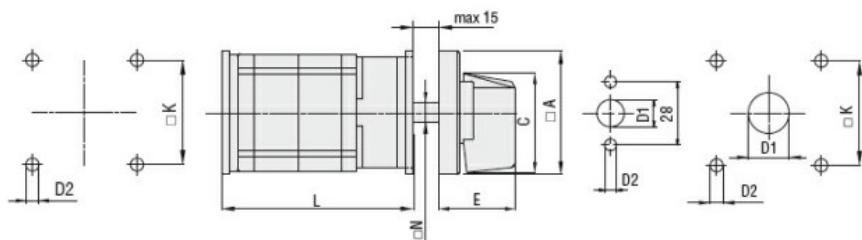


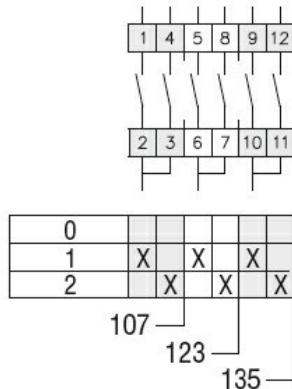
Product designation	Rotary cam switches		
Product type designation	GF20		
General characteristics			
Switching diagram	107 - Multi-step 0-1-2 1 pole		
N° of elements	1		
Mounting form	O - Rear mounting with black handle		
Contact characteristics			
Rated insulation voltage Ui	IEC/EN UL/CSA	V V	480 240
Rated impulse withstand voltage Uimp		kV	4
Conventional free air thermal current Ith	IEC/EN UL/CSA	A A	20 15
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	10kA 15kA 25kA	A	20 20 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 220/230V 380/400V	A	10 8 6
Rated operational power in AC			
Three-phase AC-3	220/230V 380/440V	kW	3 5
Single-phase AC-3	110V 220/230V 380/440V	kW	0.5 1.5 2
Three-phase AC23A	220/230V 380/440V	kW	4 7.5
Single-phase AC23A	110V 220/230V 380/440V	kW	0.75 2 2.5
Rated operational current in DC			
DC21A	48V 60V	A	20 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		
Mechanical features			
Terminals screw	M3		
Tightening torque for terminals max	Nm		
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		
UL technical data			
Motor power for direct-on-line control			
for three-phase motor	240V	HP	3
for single-phase motor	240V	HP	1
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	Dimensions							L Number of elements											
	A	C	ØD1	ØD2	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