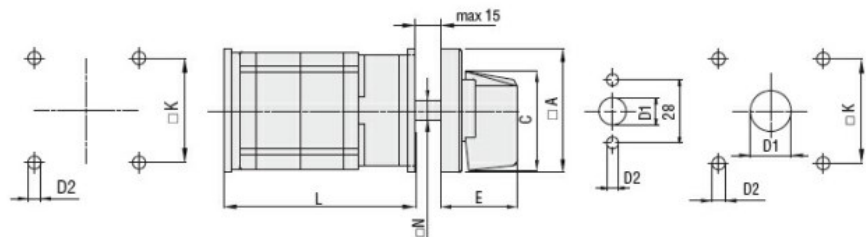


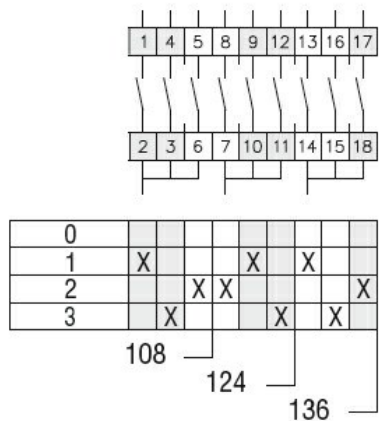
Product designation				Rotary cam switches
Product type designation				GF20
General characteristics				
Switching diagram				124 - Multi-step 0-1-2-3 2 poles
N° of elements				3
Mounting form				O - Rear mounting with black handle
Contact characteristics				
Rated insulation voltage Ui				
				IEC/EN 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	1x10 ⁶
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
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