

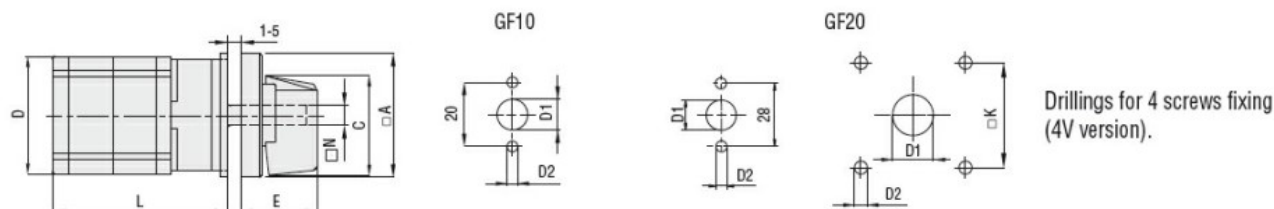
General characteristics

Switching diagram	124 - Multi-step 0-1-2-3 2 poles
N° of elements	3
Mounting form	U - Front mounting with black handle

Contact characteristics

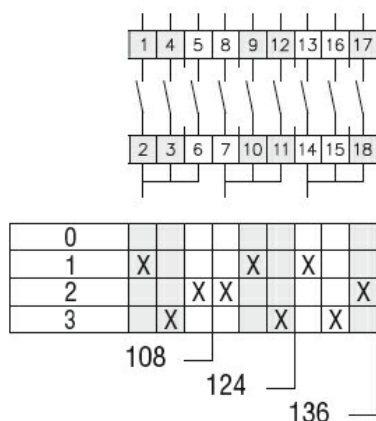
Rated insulation voltage U_i	IEC/EN UL/CSA	V V	480 240
Rated impulse withstand voltage U_{imp}		kV	4
Conventional free air thermal current I_{th}	IEC/EN UL/CSA	A A	20 15
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection I_n (gG)	10kA 15kA 25kA	A A A	20 20 20
Rated short time current I_{cw}	1s	kA	250
Conductivity			10/5 mA/V
Operational current I_e IEC/EN			
AC1/AC21A		A	20
AC15	110V 220/230V 380/400V	A A A	10 8 6
Rated operational power in AC			
Three-phase AC-3	220/230V 380/440V	kW kW	3 5
Single-phase AC-3	110V 220/230V 380/440V	kW kW kW	0.5 1.5 2
Three-phase AC23A	220/230V 380/440V	kW kW	4 7.5
Single-phase AC23A	110V 220/230V 380/440V	kW kW kW	0.75 2 2.5
Rated operational current in DC			
DC21A	48V 60V 110V 220V 440V	A A A A A	20 20 4 0.7 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	D	ØD1	ØD2	E	□K	N	1	2	3	4	5	6	7	8	9	10	11	12
GF10	30	24	29	9	3.2	18.5	—	Ø5	40	52	64	76	88	100	112	124	—	—	—	—
GF20	48	39.5	36	12	5	26.5	36	□6	44	57.5	71	84.5	98	111.5	125	138.5	152	165.5	179	192.5

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