

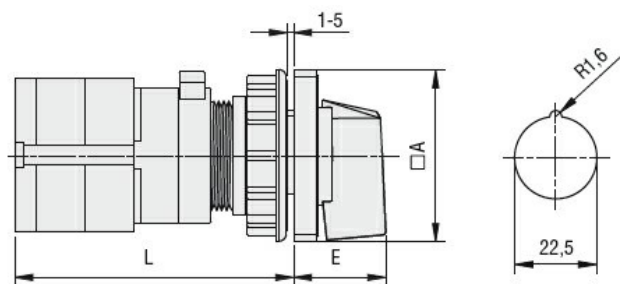
General characteristics

Switching diagram	108 - Multi-step 0-1-2-3 1 pole
N° of elements	2
Mounting form	U47 - Snap on front mounting with black handle for hole diam. 22mm fixing

Contact characteristics

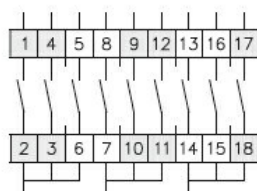
Rated insulation voltage U_i	IEC/EN UL/CSA	V V	480 240
Rated impulse withstand voltage U_{imp}		kV	4
Conventional free air thermal current I_{th}	IEC/EN UL/CSA	A A	10 10
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection I_n (gG)	10kA	A	16
Rated short time current I_{cw}	1s	kA	250
Conductivity			10/5 mA/V
Operational current I_e IEC/EN AC1/AC21A		A	10
AC15	110V 220/230V 380/400V	A A A	5 3 2
Rated operational power in AC Three-phase AC-3	220/230V 380/440V	kW kW	1.5 2.2
Single-phase AC-3	110V 220/230V 380/440V	kW kW kW	0.3 0.55 0.75
Three-phase AC23A	220/230V 380/440V	kW kW	1.8 3
Single-phase AC23A	110V 220/230V 380/440V	kW kW kW	0.7 0.75 1.1
Rated operational current in DC DC21A	48V 60V 110V 220V 440V	A A A A A	10 7 2 0.7 0.2

DC13			
	24V	A	3
	48V	A	3
	60V	A	2
	110V	A	1
	220V	A	0.3
	440V	A	0.1
Power dissipation	W		0.4
Mechanical features			
Terminals screw			2.5M
Tightening torque for terminals max	Nm		0.4
Conductor size			
AWG - Rigid cable			
	min	AWG	20
	Max	AWG	14
AWG - Flexible cable			
	min	AWG	20
	Max	AWG	14
Conductor size (IEC) - Flexible cable			
	min	mm ²	0.5
	Max	mm ²	1.5
Conductor size (IEC) - Rigid cable			
	min	mm ²	0.5
	Max	mm ²	1.5
Mechanical life	cycles		1x10 ⁶
UL technical data			
Motor power for direct-on-line control			
for three-phase motor			
	240V	HP	2
for single-phase motor			
	240V	HP	0.75
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			
	□A	E	1	2	3...8	
GF10	30	18.5	60	72	84	144
GF20	48	26.5	56	69.5	83	150.5

Wiring diagrams



0																	
1	X				X		X										X
2			X	X													X
3		X					X		X								X

108 —
124 —
136 —

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