

### General characteristics

Switching diagram	84 - Multi-step 1-2-3-4-5 1 pole
N° of elements	3
Mounting form	U47 - Snap on front mounting with black handle for hole diam. 22mm fixing

### Contact characteristics

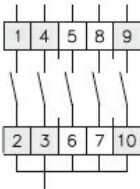
Rated insulation voltage $U_i$	IEC/EN	V	480		
	UL/CSA	V	240		
Rated impulse withstand voltage $U_{imp}$		kV	4		
Conventional free air thermal current $I_{th}$	IEC/EN	A	10		
	UL/CSA	A	10		
Rated operational voltage		V	480		
Rated operational impulse voltage		kV	4		
Maximum fuse size for short-circuit 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	A	5		
	220/230V	A	3		
	380/400V	A	2		
Rated operational power in AC	Three-phase AC-3	220/230V	kW	1.5	
		380/440V	kW	2.2	
	Single-phase AC-3	110V	kW	0.3	
		220/230V	kW	0.55	
		380/440V	kW	0.75	
	Three-phase AC23A	220/230V	kW	1.8	
		380/440V	kW	3	
	Single-phase AC23A	110V	kW	0.7	
		220/230V	kW	0.75	
		380/440V	kW	1.1	
	Rated operational current in DC	DC21A	48V	A	10
			60V	A	7
110V			A	2	
220V			A	0.7	
440V			A	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	
<b>Mechanical features</b>				
Terminals screw				2.5M
Tightening torque for terminals max		Nm	0.4	
<b>Conductor size</b>				
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 <sup>2</sup>	0.5	
	Max	mm <sup>2</sup>	1.5	
Conductor size (IEC) - Rigid cable				
	min	mm <sup>2</sup>	0.5	
	Max	mm <sup>2</sup>	1.5	
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	2	
for single-phase motor				
	240V	HP	0.75	
<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			
	□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



1	X				
2			X		
3					X
4		X			
5				X	

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### 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