

General characteristics

Switching diagram	98 - Ammeter switch
N° of elements	3
Mounting form	O - Rear mounting with black handle

Contact characteristics

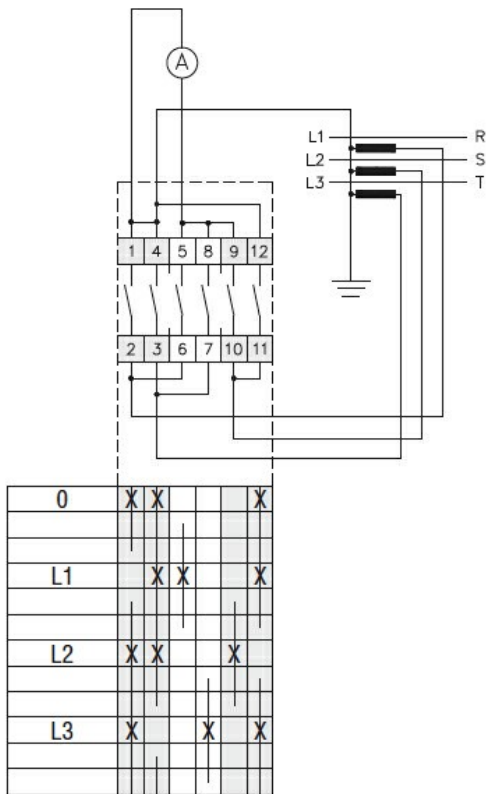
Rated insulation voltage U_i	IEC/EN	V	480
	UL/CSA	V	240
Rated impulse withstand voltage U_{imp}		kV	4
Conventional free air thermal current I_{th}	IEC/EN	A	20
	UL/CSA	A	15
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection I_n (gG)	10kA	A	20
	15kA	A	20
	25kA	A	20
Rated short time current I_{cw}	1s	kA	250
	Conductivity		
Operational current I_e 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