

General characteristics

Switching diagram	108 - Multi-step 0-1-2-3 1 pole
N° of elements	2
Mounting form	P - Plastic enclosure with black handle

Contact characteristics

Rated insulation voltage U_i	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage U_{imp}		kV	6
Conventional free air thermal current I_{th}	IEC/EN	A	40
	UL/CSA	A	40
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection I_n (gG)	10kA	A	40
	15kA	A	35
	25kA	A	35
Rated short time current I_{cw}	1s	kA	1000
			10/5 mA/V
Conductivity			
Operational current I_e IEC/EN	AC1/AC21A		
		A	40
	AC15		
	110V	A	25
	220/230V	A	22
380/400V	A	12	
660/690V	A	2	
Rated operational power in AC	Three-phase AC-3		
	220/230V	kW	7.5
	380/440V	kW	15
	500/690V	kW	15
	Single-phase AC-3		
	110V	kW	2.2
	220/230V	kW	4.4
	380/440V	kW	7
	Three-phase AC23A		
	220/230V	kW	9
	380/440V	kW	18.5
	500/690V	kW	15
Single-phase AC23A			
110V	kW	3	
220/230V	kW	5.2	
380/440V	kW	7.5	
Rated operational current in DC	DC21A		
	48V	A	40
	60V	A	40

	110V	A	6
	220V	A	0.8
	440V	A	0.25
DC23A (poles in series)	24V	A	40 (1)
	48V	A	40 (1)
	60V	A	40 (3)
	110V	A	40 (3)
	220V	A	12 (4)
DC13	24V	A	40
	48V	A	32
	60V	A	16
	110V	A	3
	220V	A	0.5
	440V	A	0.15
Power dissipation		W	1.6
Mechanical features			
Terminals screw			M4
Tightening torque for terminals max		Nm	1.2
Conductor size			
AWG - Rigid cable	min	AWG	16
	Max	AWG	8
AWG - Flexible cable	min	AWG	16
	Max	AWG	10
Conductor size (IEC) - Flexible cable	min	mm ²	1.5
	Max	mm ²	6
Conductor size (IEC) - Rigid cable	min	mm ²	1.5
	Max	mm ²	10
Mechanical life		cycles	1X10 ⁶
UL technical data			
Motor power for direct-on-line control			
for three-phase motor	120V	HP	5
	240V	HP	10
	480V	HP	15
	600V	HP	15
for single-phase motor	120V	HP	2
	240V	HP	5
Ambient conditions			
Temperature			
Operating temperature	min	°C	-25
	max	°C	+55
Storage temperature	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP65

Terminals IP degree

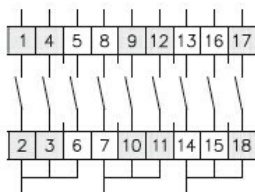
IP20

Dimensions



Series	Enclosure size	Number of elements		Dimensions										Cable entry	Protection degree
		L	L1	A	A1	C	C1	D	F	M	N	L	L1		
GX1600	90x90	1-2	3-5	90	90	79	79	4.5	25	19	30	71.3	98.3	4xPG16	IP65
GX2000		1-2	3-5												
GX16	110x110	1-3	4-7	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65
GX20		1-3	4-7												
GX3200		1-2	3-4												
GX4000		1-2	3-4												

Wiring diagrams



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

108 ———
124 ———
136 ———

Certifications and compliance

Compliance

IEC/EN/BS 60947-1
IEC/EN/BS 60947-3
IEC/EN/BS 60947-5-1
IEC/EN/BS 61058-1

Certificates

EAC

ETIM classification

ETIM 8.0

EC001029 -
Selector switch,
complete