

General characteristics

Switching diagram	05 - ON/OFF switch 1 pole
N° of elements	1
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			10/5 mA/V		
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
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DC23A (poles in series)	24V	A	40 (1)
	48V	A	40 (1)
	60V	A	40 (3)
	110V	A	40 (3)
	220V	A	12 (4)
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DC13	24V	A	40
	48V	A	32
	60V	A	16
	110V	A	3
	220V	A	0.5
	440V	A	0.15
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Power dissipation		W	1.6
Mechanical features			
Terminals screw			M4
Tightening torque for terminals max		Nm	1.2
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Conductor size			
AWG - Rigid cable	min	AWG	16
	Max	AWG	8
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AWG - Flexible cable	min	AWG	16
	Max	AWG	10
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Conductor size (IEC) - Flexible cable	min	mm ²	1.5
	Max	mm ²	6
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Conductor size (IEC) - Rigid cable	min	mm ²	1.5
	Max	mm ²	10
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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
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for single-phase motor	120V	HP	2
	240V	HP	5
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Ambient conditions			
Temperature			
Operating temperature	min	°C	-25
	max	°C	+55
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Storage temperature	min	°C	-40
	max	°C	+70
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Resistance & Protection			
Frontal IP degree			IP65

Terminals IP degree

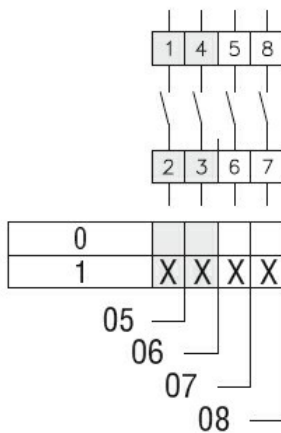
IP20

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



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