

Product type designation				GX32
General characteristics				
Switching diagram				92
N° of elements				2
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}	UL/CSA	A	32	
Rated operational voltage			V	440
Maximum fuse size for short-circuit protection I_n (gG)	25kA	A	35	
	50kA	A	32	
Rated short time current I_{cw}			1s	A
				800
Operational current I_e IEC/EN	AC1/AC21A			A
				32
AC15			110V	A
			220/230V	A
			380/400V	A
			660/690V	A
				5.5
Rated operational power in AC	Three-phase AC-3			
			220/230V	kW
			380/440V	kW
			500/690V	kW
	Single-phase AC-3			
			110V	kW
			220/230V	kW
			380/440V	kW
	Three-phase AC23A			
			220/230V	kW
			380/440V	kW
			500/690V	kW
Single-phase AC23A				
		110V	kW	
		220/230V	kW	
		380/440V	kW	
Rated operational current in DC	DC21A			
			48V	A
			60V	A
			110V	A
			220V	A
			440V	A
	DC23A (poles in series)			
			24V	A
			48V	A
			60V	A

	110V	A	15 (3)
	220V	A	12 (4)
DC13	24V	A	32
	48V	A	25
	60V	A	16
	110V	A	3
	220V	A	0.5
	440V	A	0.15

Mechanical features

Terminals screw			M4
Tightening torque for terminals max		Nm	1.2
Conductor size			
AWG - Rigid cable	min	AWG	16
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	5x10 ⁶

UL technical data

Motor power for direct-on-line control			
for three-phase motor	120V	HP	3
	240V	HP	7.5
	480V	HP	15
	600V	HP	15
for single-phase motor	120V	HP	1.5
	240V	HP	3

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

ETIM classification

ETIM 8.0	EC001105 - Off-load switch
----------	----------------------------