

Product type designation	GX32		
General characteristics			
Switching diagram	15		
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
		V	440
Rated operational voltage	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	25
	220/230V	A	20
	380/400V	A	10
	660/690V	A	5.5
Rated operational power in AC			
Three-phase AC-3	220/230V	kW	7.5
	380/440V	kW	11
	500/690V	kW	11
Single-phase AC-3	110V	kW	1.8
	220/230V	kW	3.5
	380/440V	kW	5.5
Three-phase AC23A	220/230V	kW	8
	380/440V	kW	15
	500/690V	kW	15
Single-phase AC23A	110V	kW	2.2
	220/230V	kW	3.5
	380/440V	kW	6
Rated operational current in DC			
DC21A	48V	A	32
	60V	A	32
	110V	A	5
	220V	A	0.8
	440V	A	0.25
DC23A (poles in series)	24V	A	32 (1)
	48V	A	32 (2)
	60V	A	32 (3)
	110V	A	15 (3)

DC13	220V	A	12 (4)
	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
	Max	AWG	10
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
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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	EC001029 - Selector switch, complete
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