

Product type designation	GX20		
General characteristics			
Switching diagram	77		
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	15
		V	440
Rated operational voltage		V	440
Maximum fuse size for short-circuit protection I_n (gG)	25kA	A	16
Rated short time current I_{cw}	1s	A	250
Operational current I_e IEC/EN	AC1/AC21A		
		A	20
AC15	110V	A	10
	220/230V	A	8
	660/690V	A	3.7
Rated operational power in AC	Single-phase AC-3		
	380/440V	kW	3
	Three-phase AC23A		
	380/440V	kW	7.5
Single-phase AC23A	380/440V	kW	3.5
Rated operational current in DC	DC21A		
	48V	A	20
	60V	A	20
	110V	A	4
	440V	A	0.25
	DC23A (poles in series)		
	24V	A	20 (1)
	48V	A	20 (2)
	60V	A	20 (3)
	110V	A	10 (3)
	220V	A	8 (4)
	DC13		
	24V	A	20
48V	A	16	
60V	A	12	
110V	A	1	
220V	A	0.4	
440V	A	0.15	
Mechanical features			
Terminals screw	M3		
Tightening torque for terminals max	Nm	0.8	
Conductor size	AWG - Rigid cable		

	min	AWG	20
	Max	AWG	14
AWG - Flexible cable			
	min	AWG	20
Conductor size (IEC) - Flexible cable			
	min	mm ²	0.5
	Max	mm ²	2.5
Conductor size (IEC) - Rigid cable			
	Max	mm ²	2.5
Mechanical life			cycles 5x10 ⁶

UL technical data

Motor power for direct-on-line control			
for three-phase motor			
	240V	HP	3
	480V	HP	5
	600V	HP	5
for single-phase motor			
	120V	HP	0.75
	240V	HP	1.5

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

ETIM classification

ETIM 8.0	EC001029 - Selector switch, complete
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