

Product type designation	GX20			
General characteristics				
Switching diagram	76			
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