

Product type designation				GX20
General characteristics				
Switching diagram				92
N° of elements				2
Options				Enlarged front plate
Contact characteristics				
Rated insulation voltage Ui	IEC/EN	V	690	
	UL/CSA	V	600	
Rated impulse withstand voltage Uimp			kV	6
Conventional free air thermal current Ith	UL/CSA	A	15	
Rated operational voltage			V	440
Maximum fuse size for short-circuit protection In (gG)	25kA	A	16	
	1s	A	250	
Operational current Ie 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
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Conductor size			
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AWG - Rigid cable	min	AWG	20
	Max	AWG	14

AWG - Flexible cable	min	AWG	20
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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
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Mechanical life	cycles	5x10 ⁶
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UL technical data

Motor power for direct-on-line control			
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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			
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Operating temperature	min	°C	-25
	max	°C	+55

Storage temperature	min	°C	-40
	max	°C	+70

Resistance & Protection

Frontal IP degree	IP65
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Terminals IP degree	IP20
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ETIM classification

ETIM 8.0	EC001029 - Selector switch, complete
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