

Product type designation				GX20
<b>General characteristics</b>				
Switching diagram				75
N° of elements				4
Options				Enlarged front plate
<b>Contact characteristics</b>				
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
Rated short time current Icw		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
<b>Mechanical features</b>				
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 <sup>2</sup>	0.5
	Max	mm <sup>2</sup>	2.5

Conductor size (IEC) - Rigid cable	Max	mm <sup>2</sup>	2.5
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Mechanical life	cycles	5x10 <sup>6</sup>
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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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