

**ENERGY AND AUTOMATION** 

Draduat type decigns	tion			GX20
Product type designa General characteristic				GA20
Switching diagram	JS			77
Contact characteristic	20			11
Rated insulation volta				
rtated insulation voita	ge oi	IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withsta	and voltage Llimp	OLIOUR	kV	6
Conventional free air	•		IX V	0
Conventional nee all	thornal carrent tal	UL/CSA	Α	15
Rated operational vol	tana	OLICOA		440
	or short-circuit protection In (gG)		V	440
Maximum ruse size it	or short-circuit protection in (gG)	25kA	Α	16
Rated short time curre	ont law	ZJKA		10
Nated Short time cum	ent icw	1s	Α	250
Operational current le	NEC/EN	15		250
Operational current le	AC1/AC21A			
	AU I/AUZ IA		Α	20
	AC15		^	۷0
	ACIO	110V	Α	10
		220/230V	A	8
		660/690V	A	3.7
Rated operational por	wer in AC	000/030 V		5.1
ixated operational po-	Single-phase AC-3			
	Single-phase AO-3	380/440V	kW	3
	Three-phase AC23A	300/440 V	IXVV	<u> </u>
	Tillee phase AozoA	380/440V	kW	7.5
	Single-phase AC23A	000/440 V	1000	7.0
	Single phase 7.0207.	380/440V	kW	3.5
Rated operational cur	rent in DC	33371101		0.0
rtatou oporational oui	DC21A			
	562	48V	Α	20
		60V		20
		110V	Α	4
		440V	Α	0.25
	DC23A (poles in series)			
	vi/	24V	Α	20 (1)
		48V	Α	20 (2)
		60V	Α	20 (3)
		110V	Α	10 (3)
		220V	Α	8 (4)
	DC13			
		24V	Α	20
		48V	Α	16
		60V	Α	12
		110V	Α	1
		220V	Α	0.4
		440V	Α	0.15
Mechanical features				
Terminals screw				M3
Tightening torque for terminals max			Nm	0.8
Conductor size				

Conductor size

AWG - Rigid cable





**AWG** 20 min Max **AWG** 14 AWG - Flexible cable min **AWG** 20 Conductor size (IEC) - Flexible cable min mm<sup>2</sup> 0.5 2.5 Max mm<sup>2</sup> Conductor size (IEC) - Rigid cable Max mm<sup>2</sup> 2.5 Mechanical life cycles 5x106 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 0.75 120V HP 240V HP 1.5 Ambient conditions Temperature Operating temperature °C -25 min °C max +55 Storage temperature °C -40 min °C +70 max Resistance & Protection Frontal IP degree **IP65** Terminals IP degree IP20 ETIM classification EC001029 -**ETIM 8.0** Selector switch, complete