

**ENERGY AND AUTOMATION** 

Draduat type decignation			GX20
Product type designation  General characteristics			GX20
			49
Switching diagram Contact characteristics			49
Rated insulation voltage Ui			
Nated Insulation voltage of	IEC/EN	V	690
	UL/CSA	V	600
Dated impulse withstand voltage Llimp	UL/CSA	kV	6
Rated impulse withstand voltage Uimp  Conventional free air thermal current Ith		K V	0
Conventional free all thermal current firm	LII /CCA	۸	4.5
Date description also alteres	UL/CSA	A V	15
Rated operational voltage		V	440
Maximum fuse size for short-circuit protection In (gG)	051.4	Δ.	40
B. C. L. C.	25kA	Α	16
Rated short time current lcw			
	1s	Α	250
Operational current le IEC/EN			
AC1/AC21A		_	
		Α	20
AC15		_	
	110V	Α	10
	220/230V	Α	8
	660/690V	Α	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	Α	20
	60V	Α	20
	110V	Α	4
	440V	Α	0.25
DC23A (poles in series)			
	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			

AWG - Rigid cable





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		min	AWG	20
		Max	AWG	14
	AWG - Flexible cable			
	AVVO - I lexible cable		A \ A \ C	00
		min	AWG	20
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
	Oblidation Size (IEO) Trigia dable	Max	mm²	2.5
		IVIAX		2.5
Mechanical life			cycles	5x10 <sup>6</sup>
UL technical data				
Motor power for direct-	on-line control			
·	for three-phase motor			
	Tot tillee-pilase motol	0.40\/	LID	0
		240V	HP	3
		480V	HP	5
		600V	HP	5
	for single-phase motor			
	and an area managements	120V	HP	0.75
		240V		
		240 V	HP	1.5
Ambient conditions				
Temperature				
	Operating temperature			
	operating temperature	min	°C	-25
		max	°C	+55
	Storage temperature			
		min	$^{\circ}\mathrm{C}$	-40
		max	°C	+70
Resistance & Protection	n			
	"			IP65
Frontal IP degree				
Terminals IP degree				IP20
ETIM classification				
				EC001029 -
ETIM 8.0				Selector switch,
0.0				complete
				complete