

ENERGY AND AUTOMATION

Product type designation			GX20
General characteristics			
Switching diagram			35
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			
D	UL/CSA	A	15
Rated operational voltage		V	440
Maximum fuse size for short-circuit protection In (gG)	051.4	^	4.0
Detail all antitions accomment law.	25kA	Α	16
Rated short time current Icw	1.0	۸	250
Operational augment to IEC/EN	1s	A	250
Operational current le IEC/EN AC1/AC21A			
ACI/ACZTA		Α	20
AC15			20
AOIJ	110V	Α	10
	220/230V	Α	8
	660/690V	Α	3.7
Rated operational power in AC			
Single-phase AC-3			
and branching	380/440V	kW	3
Three-phase AC23A			
'	380/440V	kW	7.5
Single-phase AC23A			
5 1	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	A	10 (3)
P040	220V	A	8 (4)
DC13	0.07	Λ.	00
	24V	A	20
	48V	A	16 12
	60V	A	12 1
	110V 220V	A	1 0.4
	220V 440V	A A	0.4 0.15
Mechanical features	440 V	^	0.10
Terminals screw			M3
Tightening torque for terminals max		Nm	0.8
Conductor size		INIII	0.0

AWG - Rigid cable





		min	AWG	20
		Max	AWG	14
	AWG - Flexible cable			
	AVVO TICAIDIC CADIC	min	AWG	20
	On the tension (IFO) Florible colds	111111	AVVG	20
	Conductor size (IEC) - Flexible cable		2	
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
		Max	mm²	2.5
Mechanical life			cycles	5x10 ⁶
UL technical data				
Motor power for direct-	on-line control			
wotor power for direct				
	for three-phase motor	0.401.4	шь	•
		240V	HP	3
		480V	HP	5
		600V	HP	5
	for single-phase motor			
		120V	HP	0.75
		240V	HP	1.5
Ambient conditions				
Temperature				
remperature	On a ratio a tamen a rationa			
	Operating temperature		2.0	
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protection	on			
Frontal IP degree				IP65
Terminals IP degree				IP20
				11 40
ETIM classification				E0004000
ETIMA				EC001029 -
ETIM 8.0				Selector switch,
				complete