



ENERGY AND AUTOMATION

Product type designation			GX20
General characteristics			
Switching diagram			91
N° of elements			1
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	LII (CCA	^	4.5
Note to the Constitution of	UL/CSA	A V	15
Rated operational voltage		V	440
Maximum fuse size for short-circuit protection In (gG)	051.4	•	10
Data dish set time a susure et lau	25kA	A	16
Rated short time current Icw	•	^	250
On evertion of a several to IFC/FN	1s	Α	250
Operational current le IEC/EN			
AC1/AC21A		۸	20
AC15		Α	20
AC13	110V	Α	10
	220/230V	A	8
	660/690V	A	3.7
Rated operational power in AC	000/000 1		0.7
Single-phase AC-3			
Girigio priado AO O	380/440V	kW	3
Three-phase AC23A	200/1101	1000	
111100 pridoo 7.0207.	380/440V	kW	7.5
Single-phase AC23A	333, 1.31		
omgro prisco riozori	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	A	20
	48V	A	16
	60V	A	12
	110V	A	1
	220V 440V	A A	0.4 0.15
		^	11.15
Mechanical features	440 V	A	0.13





ENERGY AND AUTOMATION

Tightening torque for t	erminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
	3	min	AWG	20
		Max	AWG	14
	AWG - Flexible cable			
		min	AWG	20
	Conductor size (IEC) - Flexible cable		7	
	Conductor Size (IZS) Trovisio Sasio	min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable	Wich		2.0
	Conductor Sizo (IZO) Trigia sabio	Max	mm²	2.5
Mechanical life		Wick	cycles	5x10 <sup>6</sup>
UL technical data			Cycles	37.10
Motor power for direct	-on-line control			
wotor power for direct	for three-phase motor			
	ioi tillee-phase motol	240V	HP	3
		480V	HP	5
		600V	HP	5
	for single phase mater	6007	ПР	ິ່ນ
	for single-phase motor	120V	HP	0.75
				0.75
A mala i a mata a a maliti a ma		240V	HP	1.5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
	-	max	°C	+55
	Storage temperature	_		
		min	°C	-40
		max	°C	+70
Resistance & Protecti	on			
Frontal IP degree				IP65
Terminals IP degree				IP20
ETIM classification				
				EC001029 -
ETIM 8.0				Selector switch,
				complete