GX2091U29D

Product type designation			GX20
General characteristics			
Switching diagram			91
N° of elements			1
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			
	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
Mechanical features				
Terminals screw				M3
Tightening torque for terminals max			Nm	0.8
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	14
	AWG - Flexible cable			
		min	AWG	20
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
		Max	mm²	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			
		120V	HP	0.75
		240V	HP	1.5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protection				
Frontal IP degree				IP65
Terminals IP degree				IP20
ETIM classification				
ETIM 8.0				EC001105 - Off-load switch