



Rotary cam Product designation switches Product type designation **GN20** General characteristics Switching diagram 81 Contact characteristics Rated insulation voltage Ui IEC/EN ٧ 690 UL/CSA ٧ 600 Rated impulse withstand voltage Uimp kV 6 Conventional free air thermal current Ith IEC/EN Α 20 UL/CSA 20 Rated operational voltage 480 Maximum fuse size for short-circuit protection In (gG) 20 10kA Α 25kA Α 16 Rated short time current lcw 250 Α 1s Operational current le IEC/EN AC1/AC21A Α 20 AC15 Α 10 110V 220/230V Α 8 380/400V Α 6 660/690V 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 3 380/440V kW 5.5 500/690V kW 5.5 Single-phase AC-3 kW 0.8 110V 220/230V kW 2.2 380/440V kW 3 Three-phase AC23A kW 220/230V 5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.8 220/230V kW 2.5 380/440V kW 3.7 Rated operational current in DC DC21A 48V Α 20 60V Α 20 110V Α 4 220V Α 0.6

DC23A (poles in series)

7GN208161U11

440V

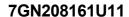
24V

0.25

20 (1)

Α

Α





ENERGY AND AUTOMATION

		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 te	rminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
	· ·	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable			
	00.1440.00.00.00.00.00.00.00.00.00.00.00.00.	min	mm²	0.5
	Conductor size (IEC) - Rigid cable			
	Conductor Cizo (120) Trigita cabic	Max	mm²	2.5
Mechanical life		Wicht	cycles	5x10 ⁶
UL technical data			0,0.00	
Motor power for direct-	on-line control			
motor potrol to: amount	for three-phase motor			
	Tot alloo phase moter	240V	HP	3
Ambient conditions		2101		
Temperature				
remperature	Operating temperature			
	Operating temperature	min	°C	-25
		max	°C	+55
	Storage temperature	Пах		100
	Storage temperature	min	°C	-40
			°C	+70
Resistance & Protectio	n	max	U	+70
Frontal IP degree				IP40
				IP00
Terminals IP degree ETIM classification				IFUU
L TIVI Classification				EC001029 -
ETIM 8.0				Selector switch,
LITIVI O.U				complete
				55111p1010