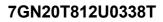


## 7GN20T812U0338T

Product designation				Rotary cam switches
Product type designat				7GN20
General characteristic	S			108 - Multi-step
Switching diagram				0-1-2-3 1 pole
N° of elements				2
				O48 - Modular service cover for
Mounting form				35mm din rail
-				mounting with
Contact observatoriatio				black handle
Contact characteristic Rated insulation voltage				
		IEC/EN	V	690
		UL/CSA	v	600
Rated impulse withsta	nd voltage Uimp		kV	6
Conventional free air t	hermal current Ith			
		IEC/EN	А	20
		UL/CSA	<u>A</u>	20
Rated operational volt	-		V	480
Rated operational imp	r short-circuit protection In (gG)		kV	4
Maximum ruse size to	r shon-chedic protection in (gG)	10kA	А	20
		15kA	A	16
		25kA	А	16
Rated short time curre	ent Icw			
		1s	А	250
Conductivity				10/5 mA/V
Operational current le				
	AC1/AC21A		А	20
	AC15		~	20
		110V	А	10
		220/230V	А	8
		380/400V	А	6
		660/690V	A	1.5
Rated operational pov				
	Three-phase AC-3	220/230V	kW	3
		220/230V 380/440V	kw	5 5.5
		500/690V	kW	5.5
	Single-phase AC-3			
		110V	kW	0.8
		220/230V	kW	2.2
		380/440V	kW	3
	Three-phase AC23A	220/2201/	L-1.4.1	F
		220/230V 380/440V	kW kW	5 7.5
		500/690V	kW	7.5
	Single-phase AC23A	00000		
		110V	kW	0.8
		220/230V	kW	2.5

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		380/440V	kW	3.7
Rated operational curr				
	DC21A			
		48V	A	20
		60V	А	20
		110V	A	4
		220V	Α	0.6
		440V	A	0.25
	DC23A (poles in series)		_	(1)
		24V	A	20 (1)
		48V	A	20 (2)
		60V	A	20 (3)
		110V	A	10 (3)
		220V	A	8 (4)
	DC13	<b>6</b> (1) (		
		24V	A	20
		48V	A	16
		60V	A	12
		110V	A	1
		220V	A	0.4
		440V	A	0.15
Power dissipation			W	0.8
Mechanical features				
Terminals screw				M3
Tightening torque for te	erminals 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			
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	5x10 <sup>6</sup>
UL technical data				
Motor power for direct	-on-line control			
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		480V	HP	7.5
		600V	HP	10
	for single-phase motor			
		120V	HP	0.75
		240V	HP	2
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25

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°C

max

+55



Storage temperature			
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00
ETIM classification			
ETIM 8.0			EC001029 - Selector switch, complete