

## 7GN12HT273U4V

Product designation				Rotary cam switches
Product type designatio	n			7GN12
General characteristics				05 - ON/OFF
Switching diagram				switch 1 pole
N° of elements				1
				O88 - Rear
				mounting with red/yellow handle
Mounting form				padlockable in 0,
Ū				door coupling
				and protection
Contact characteristics				covers
Rated insulation voltage				
Rated insulation voltage		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstand	d voltage Uimp	02,00,1	kV	6
Conventional free air the				
		IEC/EN	А	16
		UL/CSA	А	15
Rated operational voltage	ge		V	480
Rated operational impul			kV	4
Maximum fuse size for s	short-circuit protection In (gG)			
		10kA	A	16
		15kA	A	10
Rated short time current	t low	25kA	A	10
Rated short time current	l ICw	1s	А	200
Conductivity		13	~	10/5 mA/V
Operational current le IEC/EN				10/0 11/4 1
•	AC1/AC21A			
			А	16
	AC15			
		110V	А	10
		220/230V	А	8
		380/400V	А	4
		660/690V	A	1.5
Rated operational powe				
	Three-phase AC-3	220/230V	kW	2.5
		220/230V 380/440V	kw	2.5 4
		500/690V	kW	5.5
	Single-phase AC-3		••••	
	- ·	110V	kW	0.8
		220/230V	kW	1.5
		380/440V	kW	2.2
	Three-phase AC23A			
		220/230V	kW	3
		380/440V	kW	5.5
	Single-phase AC23A	500/690V	kW	7.5
	Single-phase AUZJA	110V	kW	0.8
		1100	r v v	0.0

7GN12HT273U4V The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



		220/230V 380/440V	kW kW	1.7
Rated operational curr	ent in DC	360/4401	KVV	3
	DC21A			
	20211	48V	А	12
		60V	А	12
		110V	А	4
		220V	А	0.6
		440V	А	0.25
	DC23A (poles in series)			
		24V	А	10 (1)
		48V	А	10 (2)
		60V	Α	10 (3)
		110V	А	5 (3)
		220V	A	5 (4)
	DC13			
		24V	А	12
		48V	А	10
		60V	A	8
		110V	A	1
		220V	Α	0.4
		440V	A	0.15
Power dissipation			W	0.8
Mechanical features				
Terminals screw				M3
Tightening torque for to	erminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			00
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			20
		min	AWG	20
	Conductor size (IEC) Elevible coble	Max	AWG	14
	Conductor size (IEC) - Flexible cable	min	mm²	0.5
		min Max	mm²	0.5 2.5
	Conductor size (IEC) - Rigid cable	IVIAX	111111	2.0
	Conductor Size (IEC) - Rigid Cable	min	mm²	0.5
		Max	mm²	2.5
Mechanical life		IVICA	cycles	3x10 <sup>6</sup>
UL technical data			eyelee	UX TO
Motor power for direct	-on-line control			
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
	for single-phase motor			
	<b>.</b> .	120V	HP	0.5
		240V	HP	1
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			

## 7GN12HT273U4V



	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00
ETIM classification			
ETIM 8.0			EC001105 - Off- load switch