

7GN2510U25 ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 25A, FOR FRONT MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0 AND PROTECTION COVERS, FRONT PLATE 65X65MM



Product designation			Rotary cam
-			switches 7GN25
Product type designation General characteristics			7GN25
			10 - ON/OFF
Switching diagram			switch 3 poles
N° of elements			2
Mounting form			U25 - Front mounting with red/yellow handl padlockable in 0 and protection
Contact characteristics			covers
Rated insulation voltage Ui			
Taleu insulation voltage of	IEC/EN	V	690
	UL/CSA	v	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith			
	IEC/EN	А	25
	UL/CSA	А	30
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	А	25
	15kA	A	25
Detected also est times assument laws	25kA	A	25
Rated short time current Icw	1s	kA	400
Conductivity	15	KA	10/5 mA/V
Operational current le IEC/EN			10/3 11/4/ 0
AC1/AC21A			
		А	25
AC15			
	110V	А	16
	220/230V	А	12
	380/400V	А	8
	660/690V	Α	2
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	5.5
	380/440V	kW	7.5 7.5
Single-phase AC-3	500/690V	kW	7.5
Single-prize AC-3	110V	kW	1.5
	220/230V	kW	3
	220,200 V		5



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		380/440V	kW	5.5
	Three-phase AC23A			
		220/230V	kW	6.5
		380/440V	kW	11
		500/690V	kW	11
	Single-phase AC23A	500/030V	11.11.11	11
	ongie-phase rozor	110V	L\\/	15
			kW	1.5
		220/230V	kW	3.7
		380/440V	kW	5.5
Rated operational cu				
	DC21A			
		48V	А	25
		60V	А	25
		110V	А	4
		220V	А	0.7
	DC23A (poles in series)	2201		5
		24V	٨	25 (1)
			A	25 (1)
		48V	A	25 (2)
		60V	A	25 (3)
		110V	A	12 (3)
		220V	А	10 (4)
	DC13			
		24V	А	25
		48V	А	20
		60V	A	16
		110V	A	
				1.5
		220V	A	0.4
Power dissipation			W	1.1
Mechanical features				
Terminals screw				M3.5
Tightening torque for	terminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
	Ū.	min	AWG	20
		Max	AWG	10
	AWG - Flexible cable	111001		10
		min		20
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable			
	· · · · · ·	min	mm²	0.5
		Max	mm²	4
Mechanical life		IVICA	cycles	5x10 ⁶
UL technical data			Cycles	5710
Motor power for direct				
	for three-phase motor			
		120V	HP	3
		240V	HP	5
		480V	HP	10
		600V	HP	15
	for single-phase motor	0007		
	for single-phase motor	120V	HP	1.5

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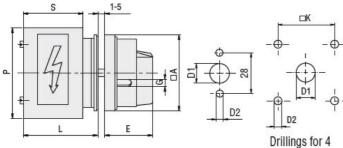
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		240V	HP	3
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Prote	ction			
Frontal IP degree				IP40
Terminals IP degree	9			IP00

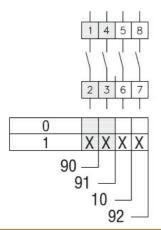
Dimensions



Drillings for 4 screws fixing (4V version).

Series	Dimensions								
Series	□A	D1	D2	E	G	□K	S	Р	L
7GN12	65	12	5	34.2	5	36	43	64	54.3
7GN20	65	12	5	34.2	5	36	43	64	54.3
7GN25	65	12	5	34.2	5	36	51	68	62.6
7GN32	65	14	5	38	6	48	55	77	71.7
7GN40	65	14	5	38	6	48	55	77	71.7

Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 14
IEC/EN/BS 60947-1
IEC/EN/BS 60947-3
IEC/EN/BS 60947-5-1
UL60947-4-1

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Certificates		
	cCSAus	
	EAC	
	UL	
ETIM classification		
		EC001105 - Off-

ETIM 8.0

EC001105 - Off load switch