

7GN3206U25 ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 2 POLES 32A, FOR FRONT MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0 AND PROTECTION COVERS, FRONT PLATE 65X65MM

			Rotary cam
Product designation			switches
Product type designation			7GN32
General characteristics			
Switching diagram			06 - ON/OFF switch 2 poles
N° of elements			1
			U25 - Front
			mounting with
Mounting form			red/yellow handle padlockable in 0
			and protection
			covers
Contact characteristics			
Rated insulation voltage Ui		V	600
	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp	0D/CSA	 kV	6
Conventional free air thermal current Ith		ΚV	0
	IEC/EN	А	32
	UL/CSA	А	40
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	Α	32
	15kA	A	32
	25kA 50kA	A A	32 32
Rated short time current Icw	3064		52
	1s	kA	800
Conductivity	-		10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		A	32
AC15	4401/		05
	110V 220/230V	A A	25 20
	380/400V	A	10
	660/690V	A	2
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	7.5
	380/440V	kW	11
	500/690V	kW	11
Single-phase AC-3	110V	kW	2.2
	220/230V	kW	4
	380/440V	kW	6.5
Three-phase AC23A			
	220/230V	kW	8
	380/440V	kW	15
	500/690V	kW	18.5
Single-phase AC23A	110	k\//	2.2

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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

kW

2.2

110V



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		220/230V	kW	4
		380/440V	kW	7.5
Rated operational c	urrent in DC			
•	DC21A			
		48V	А	32
		60V	А	32
		110V	А	6
		220V	А	0.9
	DC23A (poles in series)			
		24V	А	32 (1)
		48V	А	32 (2)
		60V	А	32 (3)
		110V	А	15 (3)
		220V	А	12 (4)
	DC13			
		24V	А	32
		48V	А	25
		60V	А	16
		110V	А	3
		220V	А	0.5
Power dissipation			W	1.5
Mechanical features	;			
Terminals screw				M4
Tightening torque fo	r terminals max		Nm	1.2
Conductor size				
	AWG - Rigid cable			
		min	AWG	16
		Max	AWG	8
	AWG - Flexible cable			
		min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable			
		min	mm²	1.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable			
		min	mm²	1.5
		Max	mm²	6
Mechanical life			cycles	5x10 ⁶
UL technical data				
Motor power for dire				
	for three-phase motor			
		120V	HP	5
		240V	HP	10
		480V	HP	15
		600V	HP	15
	for single-phase motor			
		120V	HP	2
		240V	HP	5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			

Storage temperature

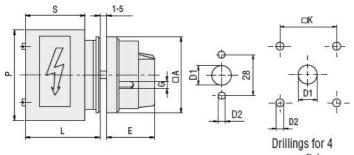


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	min max	℃° ℃	-40 +70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00

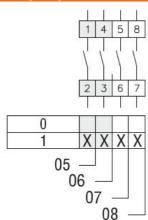
Dimensions



screws fixing (4V version).

Series	Dimensions								
Selles	□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

C

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	
Certificates		
	cCSAus	
	EAC	
	UL	
ETIM classification		
ETIM 8.0		EC001029 - Selector switch, complete

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