7GN2508O98



ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 25A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE 65X65MM

			Rotary cam
Product designation			switches
Product type designation			7GN25
General characteristics			
Switching diagram			08 - ON/OFF switch 4 poles
N° of elements			2
			 098 - Rear
			mounting with
			red/yellow handle
Mounting form			padlockable in 0,
			door coupling
			and protection covers
Contact characteristics			007013
Rated insulation voltage Ui			
	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	A	30
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	101-0	^	05
	10kA 15kA	A A	25 25
	25kA	A	25 25
Rated short time current Icw	231/1	~	25
	1s	А	400
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		Α	25
AC15			
	110V	А	16
	220/230V	А	12
	380/400V	A	8
Rated operational power in AC	660/690V	A	2
Three-phase AC-3			
Thee-phase AC-5	220/230V	kW	5.5
	380/440V	kW	7.5
	500/690V	kW	7.5
Single-phase AC-3			
	110V	kW	1.5
	220/230V	kW	3
	380/440V	kW	5.5
Three-phase AC23A			
	220/230V	kW	6.5
	380/440V	kW	11
	500/690V	kW	11
Single-phase AC23A	110\/	۲/W	15

7GN2508O98

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

110V

kW

1.5



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		220/230V	kW	3.7
		380/440V	kW	5.5
Rated operational c	urrent in DC			
	DC21A			
		48V	А	25
		60V	А	25
		110V	А	4
		220V	А	0.7
	DC23A (poles in series)			
		24V	A	25 (1)
		48V	A	25 (2)
		60V	A	25 (3)
		110V	A	12 (3)
		220V	А	10 (4)
	DC13			
		24V	A	25
		48V	A	20
		60V	A	16
		110V	A	1.5
Dannan dia dia di		220V	A	0.4
Power dissipation			W	1.1
Mechanical features				M0 5
Terminals screw			Nice	M3.5
Tightening torque fo	r terminais max		Nm	0.8
Conductor size				
	AWG - Rigid cable			00
		min	AWG	20
		Max	AWG	10
	AWG - Flexible cable			00
		min	AWG	20
	Opendustan size (IEO) - Elevible poble	Max	AWG	12
	Conductor size (IEC) - Flexible cable	min	mm2	0.5
		min	mm²	0.5
	Conductor cize (IEC) Divid coble	Max	mm²	4
	Conductor size (IEC) - Rigid cable	min	mm²	0.5
		min Max	mm²	0.5 4
Mechanical life		IVIAX		4 5x10⁰
JL technical data			cycles	5810*
	an line control			
Notor power for dire				
	for three-phase motor	120V	HP	2
		120V 240V	HP	3 5
		480V	HP	5 10
		480V 600V	нР НР	10
	for single-phase motor	0007		15
	for single-phase motor	120V	HP	1.5
		120V 240V	HP HP	3
Ambient conditions		24UV		J
Temperature				
remperature	Operating temperature			
	Operating temperature	min	°C	-25
		min	°C	
	Storogo tomporaturo	max	U	+55
	Storage temperature			

Storage temperature



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	JUVERS,	FROM	
	min	°C	-40
	max	°C	+70
Resistance & Protection	тах	Ŭ	110
Frontal IP degree			IP40
Terminals IP degree			IP00
Dimensions			
L S 1-5			
Dimensions L			
Series A D1 D2 E G BK S 1 2 312			
7GN12 65 12 5 34.2 5 36 45-55 41.1 50.8 60.5 147.8			
7GN20 65 12 5 34.2 5 36 45-55 41.1 50.8 60.5 147.8			
7GN25 65 14 5 38 6 48 45-55 51.5 66.6 81.7 217.6			
7GN40 65 14 5 38 6 48 45-55 51.5 66.6 81.7 217.6 7GN63 65 14 6 38 6 68 45-55 57.3 75.4 93.5 256.4			
Wiring diagrams			
1 4 5 8 1 4 5 8 1 1 1 1 2 3 6 7 1 1 1 1			
05			
06			
07 —			
08 —			
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			
Certificates			
cCSAus			
EAC			
UL			
ETIM classification			

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete