



ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 16A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE 65X65MM

Product designation			Rotary cam switches
Product type designation			7GN12
General characteristics			07 - ON/OFF
Switching diagram			switch 3 poles
N° of elements			2
Mounting form			O88 - Rear mounting with red/yellow handle padlockable in 0, door coupling and protection covers
Contact characteristics Rated insulation voltage Ui			
Rated insulation voltage of	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp	01004	kV	6
Conventional free air thermal current Ith			-
	IEC/EN	А	16
	UL/CSA	А	15
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	А	16
	15kA	А	10
	25kA	A	10
Rated short time current Icw	1s	А	200
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		А	16
AC15			
	110V	А	10
	220/230V	А	8
	380/400V	A	4
	660/690V	A	1.5
Rated operational power in AC			
Three-phase AC-3	220/230V	kW	2.5
	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
	500/690V	kW	7.5
Single-phase AC23A			
	110V	kW	0.8

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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



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		220/230V	kW	1.7
		380/440V	kW	3
Rated operational current	t in DC			
Γ	DC21A			
		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	А	10 (3)
		110V	A	5 (3)
		220V	A	5 (4)
Ē	DC13	2201	7	0 (+)
L	5613	24V	۸	12
		24 V 48 V	A	
			A	10
		60V	A	8
		110V	A	1
		220V	Α	0.4
		440V	A	0.15
Power dissipation			W	0.8
Mechanical features				
Ferminals screw				M3
Fightening torque for tern	ninals max		Nm	0.5
Conductor size				
A	AWG - Rigid cable			
	-	min	AWG	20
		Max	AWG	12
Ā	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	14
\overline{c}	Conductor size (IEC) - Flexible cable	IVICA	ANO	14
(min	mm²	0.5
-		Max	mm²	2.5
(Conductor size (IEC) - Rigid cable		2	0.5
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	3x10 ⁶
JL technical data				
Notor power for direct-on				
f	or three-phase motor			
		120V	HP	1.5
		240V	HP	3
f	or single-phase motor			
	- •	120V	HP	0.5
		240V	HP	1
Ambient conditions				
l'emperature				
	Operating temperature			
C	operating temperature		°C	-25
		min	U U	-20
			° ^	
-	Storage temperature	max	°C	+55

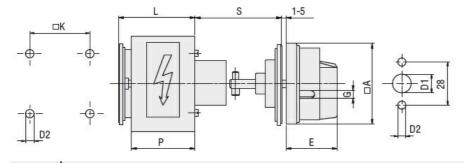
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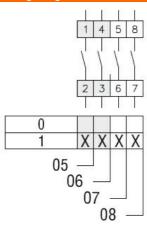
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00

Dimensions



Series		Dimensions							
Series	□A	D1	D2	E	G	□K	S	Р	L
7GN12	65	12	5	34.2	5	36	45-55	43	51.3
7GN20	65	12	5	34.2	5	36	45-55	43	51.3
7GN25	65	12	5	34.2	5	36	45-55	51	59.6
7GN32	65	14	5	38	6	48	45-55	55	68.7
7GN40	65	14	5	38	6	48	45-55	55	68.7

Wiring diagrams



Certifications and co	mpliance	
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		
		EC001029 -
ETIM 8.0		Selector switch, complete

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