7GN1290088



ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 1 POLE 16A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE 65X65MM



Product designation			Rotary cam
Ĵ			switches
Product type designation General characteristics			7GN12
			90 - ON/OFF
Switching diagram			switch 1 pole
N° of elements			1
			O88 - Rear
			mounting with red/yellow handle
Mounting form			padlockable in 0,
5			door coupling
			and protection
Operate at the property initial			covers
Contact characteristics Rated insulation voltage Ui			
Rated 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	16
	UL/CSA	Α	15
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			10
	10kA 15kA	A	16
	25kA	A A	10 10
Rated short time current Icw	ZJKA		10
	1s	kA	200
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		Α	16
AC15		_	
	110V	A	10
	220/230V 380/400V	A A	8 4
	660/690V	A	4 1.5
Rated operational power in AC	000/000 1		1.0
Three-phase AC-3			
·	220/230V	kW	2.5
	380/440V	kW	4
	500/690V	kW	5.5
Single-phase AC-3		1.147	0.0
	110V	kW	0.8

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		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
		220/230V	kW	1.7
		380/440V	kW	3
Rated operational curr	ent in DC			
·	DC21A			
		48V	А	12
		40V 60V	A	12
		110V	A	4
		220V	А	0.6
		440V	А	0.25
	DC23A (poles in series)			
		24V	А	10 (1)
		48V	А	10 (2)
		60V	A	10 (3)
		110V	A	5 (3)
		220V	А	5 (4)
	DC13			
		24V	А	12
		48V	A	10
		60V	А	8
		110V	А	1
		220V	А	0.4
		440V	A	0.15
Power dissipation		1101	W	0.8
Mechanical features			VV	0.0
Terminals screw				M3
Tightening torque for te	erminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) Elevible coble	Max	////0	17
	Conductor size (IEC) - Flexible cable		m 2	0.5
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	3x10⁰
UL technical data			,	
Motor power for direct-	-on-line control			
	for three-phase motor			
	101 11166-phase 1110101	4001/		1 E
		120V	HP	1.5
	· · · · · ·	240V	HP	3
	for single-phase motor			

for single-phase motor

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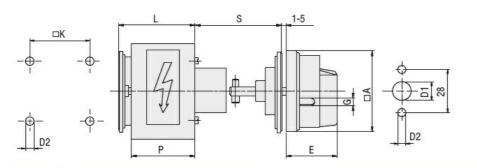


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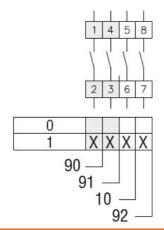
		120V	HP	0.5
		240V	HP	1
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protec	tion			
Frontal IP degree				IP40
Terminals IP degree				IP00
Discounterer				

Dimensions



Series	Dimensions								
	□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 compliance

Compliance

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

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	UL60947-4-1	
Certificates		
	cCSAus	
	EAC	
	UL	
ETIM classification	n	
		EC001029 -

ETIM 8.0

EC001029 -Selector switch, complete