7GN1210088



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 General characteristics			7GN12
			10 - ON/OFF
Switching diagram			switch 3 poles
N° of elements			2
			O88 - Rear
			mounting with red/yellow handle
Mounting form			padlockable in 0,
5			door coupling
			and protection
Contact characteristics			covers
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	A	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	A	10
	25kA	A	10
Rated short time current Icw			
	1s	А	200
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			10
AC15		A	16
ACI5	110V	А	10
	220/230V	A	8
	380/400V	A	4
	660/690V	А	1.5
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	2.5
	380/440V	kW	4
Single-phase AC-3	500/690V	kW	5.5
Single-phase AC-3	110V	kW	0.8
	1100		0.0

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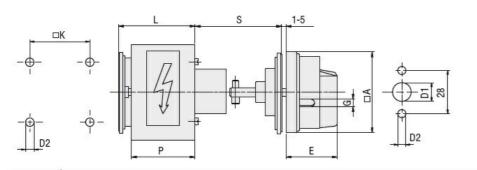
		220/230V	kW	1.5
		380/440V	kW	2.2
	Three-phase AC23A			
		220/230V	kW	3
		380/440V	kW	5.5
		500/690V	kW	7.5
	Single-phase AC23A			
		110V	kW	0.8
		220/230V	kW	1.7
		380/440V	kW	3
Rated operational curr	ent in DC			
·	DC21A			
	-	48V	А	12
		60V	A	12
		110V	A	4
		220V	A	0.6
		440V	A	0.25
	DC23A (poles in series)	++0 V	Л	0.20
		24V	А	10 (1)
		24V 48V	A	
		48V 60V	A	10 (2)
				10 (3)
		110V	A	5 (3)
		220V	A	5 (4)
	DC13	0 (1) (
		24V	A	12
		48V	А	10
		60V	А	8
		110V	А	1
		220V	А	0.4
		440V	A	0.15
Power dissipation			W	0.8
Mechanical features				
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) - Flexible cable			
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life		man	cycles	3x10 ⁶
UL technical data			0,000	
Motor power for direct-	-on-line control			
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
	for single phase motor	240V	٦٢	5
	for single-phase motor			



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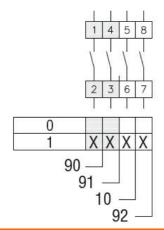
		120V	HP	0.5
		240V	HP	1
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Prote	ction			
Frontal IP degree				IP40
Terminals IP degree	9			IP00

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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ENERGY AND AUTOMATION

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	UL60947-4-1	
Certificates		
	cCSAus	
	EAC	
	UL	
ETIM classificati	on	
		EC001029 -

ETIM 8.0

Selector switch, complete