7GN2092O88



ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 20A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE 65X65MM



Product designation			Rotary cam
ů – Elektrik			switches
Product type designation			7GN20
General characteristics			92 - ON/OFF
Switching diagram			switch 4 poles
N° of elements			2
			O88 - Rear
			mounting with
Mounting form			red/yellow handle padlockable in 0,
			door coupling
			and protection
			covers
Contact characteristics			
Rated insulation voltage Ui	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp	01,00,1	kV	6
Conventional free air thermal current Ith			
	IEC/EN	А	20
	UL/CSA	А	20
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	101-0	^	00
	10kA 15kA	A A	20 16
	25kA	A	16
Rated short time current Icw	2010 (
	1s	А	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
10/5		A	20
AC15	110\/	^	10
	110V 220/230V	A A	10 8
	380/400V	A	6
	660/690V	A	1.5
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	3
	380/440V	kW	5.5
Single phase AC 2	500/690V	kW	5.5
Single-phase AC-3	110V	kW	0.8
	1100		0.0

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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	2.2
		380/440V	kW	3
	Three-phase AC23A			
		220/230V	kW	5
		380/440V	kW	7.5
		500/690V	kW	7.5
	Single-phase AC23A			
		110V	kW	0.8
		220/230V	kW	2.5
		380/440V	kW	3.7
Rated operational curr				
	DC21A			
		48V	Α	20
		60V	Α	20
		110V	Α	4
		220V	А	0.6
		440V	А	0.25
	DC23A (poles in series)			
		24V	А	20 (1)
		48V	А	20 (2)
		60V	А	20 (3)
		110V	А	10 (3)
		220V	А	8 (4)
	DC13			
		24V	А	20
		48V	А	16
		60V	А	12
		110V	А	1
		220V	А	0.4
		440V	А	0.15
Power dissipation			W	0.8
Mechanical features				
Terminals screw				M3
Tightening torque for te	erminals max		Nm	0.5
Conductor size				0.0
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	Ινίαλ	/	12
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable	Ινίαλ	/	· Ŧ
	CONTRACTOR SIZE (ILC) - I TEXIDIE CADIE	min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable	Ινίαλ		2.0
	Conductor Size (IEC) - Rigid Cable	min	mm²	0.5
		Max	mm²	0.5 2.5
Mechanical life		IVIdX		
UL technical data			cycles	5x10⁵
	on line control			
Motor power for direct-				
	for three-phase motor	40017		4 5
		120V	HP	1.5
		240V	HP	3
		480V	HP	7.5

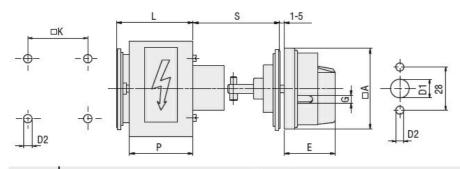
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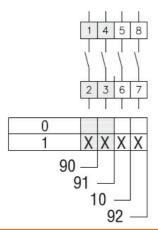
		600V	HP	10
	for single-phase motor			
		120V	HP	0.75
		240V	HP	2
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protecti	on			
Frontal IP degree				IP40
Terminals IP degree				IP00
Dimensione				

Dimensions



Carioo	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 compliance

Compliance

CSA C22.2 n° 14 IEC/EN/BS 60947-1

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ENERGY AND AUTOMATION

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	IEC/EN/BS 60947-3
	IEC/EN/BS 60947-5-1
	UL60947-4-1
Certificates	
	cCSAus
	EAC
	UL

ETIM classification

ETIM 8.0

EC001105 - Offload switch