7GN2091098



ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 2 POLES 20A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE 65X65MM



Draduat designation			Rotary cam
Product designation			switches
Product type designation			7GN20
General characteristics			91 - ON/OFF
Switching diagram			switch 2 poles
N° of elements			1
			O98 - Rear
			mounting with
Mounting form			red/yellow handle padlockable in 0,
Mounting form			door coupling
			and protection
			covers
Contact characteristics			
Rated insulation voltage Ui			<u></u>
	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp	UL/CSA	kV	6
Conventional free air thermal current Ith		κv	0
	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)			
	10kA	Α	20
	15kA	A	16
Rated short time current Icw	25kA	A	16
Rated short time current icw	1s	kA	250
Conductivity	13	N/1	10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		Α	20
AC15			
	110V	Α	10
	220/230V	A	8
	380/400V 660/690V	A A	6 1.5
Rated operational power in AC	000/090 v	A	1.5
Three-phase AC-3			
	220/230V	kW	3
	380/440V	kW	5.5
	500/690V	kW	5.5
Single-phase AC-3			
	110V	kW	0.8

7GN2091O98

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





ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 2 POLES 20A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE 65X65MM

		/		
		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 curi				
	DC21A			
		48V	А	20
		60V	А	20
		110V	Α	4
		220V	А	0.6
		440V	А	0.25
	DC23A (poles in series)			
		24V	А	20 (1)
		48V	A	20 (2)
		60V	A	20 (3)
		110V	A	10 (3)
		220V	A	8 (4)
	DC13	2200	Λ	0 (4)
	0013	24V	А	20
		48V	A	16
		48V 60V		
			A	12
		110V	A	1
		220V	A	0.4
		440V	A	0.15
Power dissipation			W	0.8
Mechanical features				
Terminals screw				M3
Tightening torque for t	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			cycles	5x10 ⁶
UL technical data			-, 0.00	
Motor power for direct	-on-line control			
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		240V 480V	HP	3 7.5
		40U V		1.5

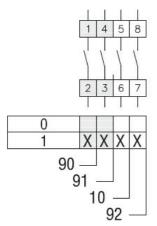
7GN2091098



7GN2091O98 ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 2 POLES 20A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE 65X65MM

												600V	HP	10	
			for sir	ngle-ph	ase m	otor						000 v	1 11	10	
				5 1								120V	HP	0.75	
												240V	HP	2	
Ambient co		ns													
Temperatu	re														
			Opera	ating te	mpera	ture									
												min	°C	-25	
												max	°C	+55	
			Storag	ge tem	peratu	ire						min	°C	-40	
												max	°C	-40 +70	
Resistance	& Pro	otection	h									Шах	C	+70	
Frontal IP			•											IP40	
Terminals	_													IP00	
Dimension															
. DK			L		s	1	-5								
			<u> </u>			-1-	— —								
- @	- 0 -				—			<u>م</u>	φ						
		h				╡_║ <u>┣</u>			-47	8 6					
	T	L G	G		Ψ			a d	¥	<u> </u>					
- <u></u>	-ġ-	4						1 I.	Μ						
D2						-	E		D	2					
	Dimensions L														
Series		D4		-			0				1.40				
7011/2	□A	D1	D2	E	G	□K	S	1	2	1	12				
7GN12	65	12	5	34.2	5	36	45-55		50.8	60.5	147.8				
7GN20	65	12	5	34.2	5 6	36	45-55		50.8	60.5	147.8				
7GN25 7GN40	65 65	14 14	5 5	38 38	6	48 48	45-55 45-55		66.6 66.6	81.7 81.7	217.6 217.6				
7GN40 7GN63	65	14	6	38	6	68	45-55		75.4	93.5	256.4				
701003	00	14	0	50	0	00	40-00	57.5	75.4	90.0	200.4				

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	
UL60947-4-1	

Certificates

7GN2091098



7GN2091O98 ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 2 POLES 20A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE 65X65MM

	cCSAus
	EAC
	UL
on	

ETIM 8.0

ETIM classificati

EC001029 -Selector switch, complete