7GN4092O98



ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 40A, 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			7GN40
General characteristics			92 - ON/OFF
Switching diagram			switch 4 poles
N° of elements			2
Mounting form			O98 - Rear mounting with red/yellow handlo 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		kV	6
Conventional free air thermal current Ith		۸	40
	IEC/EN UL/CSA	A A	40 50
Rated operational voltage	UL/CSA	X	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			·
	10kA	А	40
	15kA	А	40
	25kA	А	40
	50kA	А	40
	63kA	A	40
Rated short time current Icw			1000
	1s	A	1000
Conductivity	60s	A	1000
Conductivity Operational current le IEC/EN			10/5 mA/V
AC1/AC21A			
		А	40
AC15			
	110V	А	25
	220/230V	А	22
	380/400V	А	12
	660/690V	A	2
Rated operational power in AC			
Three-phase AC-3	220/2201/	L\\/	0
	220/230V 380/440V	kW kW	8 15
	300/4401	IX V V	15

7GN4092O98

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

7GN4092O98



ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 40A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE 65X65MM

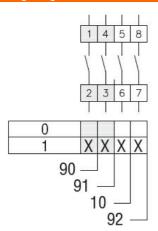
		500/690V	kW	15
	Single-phase AC-3			
		110V	kW	3
		220/230V	kW	6.5
		380/440V	kW	8
	Three-phase AC23A	000,1101		
		220/230V	kW	8
		380/440V	kW	18.5
	0	500/690V	kW	22
	Single-phase AC23A			
		110V	kW	3
		220/230V	kW	6
		380/440V	kW	11
Rated operational curr	ent in DC			
	DC21A			
		48V	А	40
		60V	А	40
		110V	A	6
		220V	A	0.9
		2201	7	0.0
	DC23A (poles in series)	0.01	^	40 (1)
		24V	A	40 (1)
		48V	А	40 (2)
		60V	А	40 (3)
		110V	Α	20 (3)
		220V	А	12 (4)
	DC13			
		24V	А	40
		48V	А	32
		60V	А	16
		110V	A	3
Power dissipation		1101	W	2.0
Mechanical features			vv	2.0
Terminals screw				M4
			Nime	
Tightening torque for te	erminais max		Nm	1.2
Conductor size				
	AWG - Rigid cable			
		min	AWG	16
		Max	AWG	8
	AWG - Flexible cable			
		min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable		-	
		min	mm²	1.5
		Max	mm²	6
	Conductor size (IEC) - Rigid cable	IVIdX	11111	5
	Conductor Size (IEC) - Rigid Cable	!	2	1 E
		min	mm²	1.5
		Max	mm²	10
Mechanical life			cycles	5x10 ^e
UL technical data				
Motor power for direct	-on-line control			
	for three-phase motor			
		120V	HP	5
		240V	HP	10
		480V	HP	20
		100 V		

7GN4092O98



7GN4092O98 ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 40A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE 65X65MM

												600V	HP	20	
			for sir	ngle-ph	ase m	otor								_	
												120V 240V	HP HP	2 5	
Ambient co	onditio	ns										240 V	ΠF	5	
Temperatu															
•			Opera	ating te	mpera	ture									
												min	°C	-25	
												max	°C	+55	
			Storag	ge tem	peratu	Ire							° 0	40	
												min	°C °C	-40 +70	
Resistance	& Pro	tection	n									max	U	+70	
Frontal IP														IP40	
Terminals														IP00	
Dimension	-														
⊢ □K	-	H	L		S		1-5								
-—				_		- In		f							
ĩ	Ť							t l	0	_ 1					
		- PKg			╉	╧╴╫╞╴		5 5	-(-)-	3					
- .	-⊕ -	4	5						Ĥ	<u> </u>					
D2	Ť	║╵┈	╝╙──╝ᡃᡗ᠆			₩_	E	+	D2	2					
						-		+							
Series		·		imensio						L					
	□A	D1	D2	E	G	⊐K	S	1	2		12				
7GN12	65	12	5	34.2	5	36	45-55		50.8	60.5	147.8				
7GN20	65	12	5	34.2	5	36	45-55		50.8	60.5	147.8				
7GN25 7GN40	65 65	14 14	5 5	38 38	6 6	48 48	45-55 45-55		66.6 66.6	81.7 81.7	217.6				
7GN40 7GN63	65	14	5 6	38	6	68	45-55		75.4	93.5	256.4				
				00	0	00	10 00	01.0	10.4	00.0	200.4				
Wiring diag	Jrams														



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

7GN4092O98



7GN4092O98 ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 40A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE 65X65MM

cCSAus			
EAC			
UL			

ETIM classification

ETIM 8.0

EC001105 - Offload switch