



Product designation			Rotary cam
			switches
Product type designation			7GN40
General characteristics			91 - ON/OFF
Switching diagram			switch 2 poles
N° of elements			1
			O - Rear
Mounting form			mounting with
			black handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp Conventional free air thermal current Ith		kV	6
	IEC/EN	А	40
	UL/CSA	A	40 50
Rated operational voltage	01/00/	V	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	Α	40
Rated short time current Icw			
	1s	kA	1000
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		^	40
AC15		A	40
AC15	110V	А	25
	220/230V	A	22
	380/400V	A	12
	660/690V	А	2
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	8
	380/440V	kW	15
	500/690V	kW	15
Single-phase AC-3			2
	110V	kW	3
	220/230V	kW	6.5 °
	380/440V	kW	8

7GN40910

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



Three-phase

7GN4091O CAM SWITCH 7GN SERIES, ON-OFF SWITCH 2 POLES 40A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

SWITCH /GN SERIES, ON	WITH BLACK HANDLE,	, -		-
AC23A				
	220/230V	kW	8	
	380/440V	kW	18.5	

		380/440V	kW	18.5
		500/690V	kW	22
	Single-phase AC23A	300/030 V		
	Single-phase ACZSA	110V	kW	3
		220/230V	kW	6
Detect an excition of our	ment in DC	380/440V	kW	11
Rated operational cu				
	DC21A	4014		10
		48V	A	40
		60V	А	40
		110V	A	6
		220V	A	0.9
	DC23A (poles in series)			
		24V	А	40 (1)
		48V	А	40 (2)
		60V	А	40 (3)
		110V	А	20 (3)
		220V	А	12 (4)
	DC13			
		24V	А	40
		48V	А	32
		60V	А	16
		110V	A	3
Power dissipation			W	2.0
Mechanical features			••	2.0
Terminals screw				M4
Tightening torque for	terminals max		Nm	1.2
Conductor size				1.2
Conductor Size	AWG - Rigid cable			
	AWO - Rigid Cable	min	AWG	16
		Max	AWG	8
	AWG - Flexible cable	IVIdX	AWG	0
	AWG - Flexible cable		A \ A \ O	40
		min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable	<u> </u>	~	
		min	mm²	1.5
		Max	mm²	6
	Conductor size (IEC) - Rigid cable			
		min	mm²	1.5
		Max	mm²	10
Mechanical life			cycles	5x10⁰
UL technical data				
Motor power for direct	ct-on-line control			
	for three-phase motor			
		120V	HP	5
		240V	HP	10
		480V	HP	20
		600V	HP	20
	for single-phase motor	0001		
		120V	HP	2
		240V	HP	5
		240 V	1.11*	5

Ambient conditions

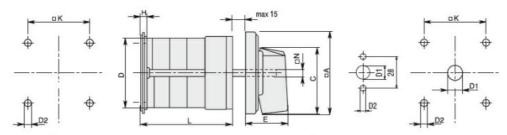


7GN40910 electric ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 2 POLES 40A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

Temperature

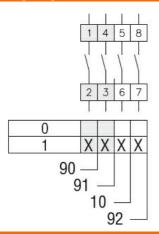
Operating temperature				
	min	°C	-25	
	max	°C	+55	
Storage temperature				
	min	°C	-40	
	max	°C	+70	
Resistance & Protection				
Frontal IP degree			IP40	
Terminals IP degree			IP00	
Dimensions				

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Series				Dimer	nsions				L Number of elements											
Series	□A	С	ØD	ØD2	E	Н	۵K	□N	1	2	3	4	5	6	7	8	9	10	11	12
7GN12	48	39.5	39	5	26.5	5	36	6	38.1	47.8	57.5	67.2	76.9	86.6	96.3	106	115.7	125.4	135.1	144.8
7GN20	48	39.5	39	5	26.5	5	36	6	38.1	47.8	57.5	67.2	76.9	86.6	96.3	106	115.7	125.4	135.1	144.8
7GN25	48	39.5	43	5	26.5	5	36	6	42.5	56.1	69.7	83.3	96.9	110.5	124.1	137.7	151.3	164.9	178.5	192.1
7GN32	65	53	58	5	34.5	5.5	48	7	48.5	63.6	78.7	93.8	108.9	124	139.1	154.2	169.3	184.4	199.5	214.6
7GN40	65	53	58	5	34.5	5.5	48	7	48.5	63.6	78.7	93.8	108.9	124	139.1	154.2	169.3	184.4	199.5	214.6
7GN63	65	53	62	6	34.5	7.5	68	7	53.3	71.4	89.5	107.6	125.7	143.8	161.9	180	198.1	216.2	234.3	252.4
7GN125	90	70.5	86	6	41.4	7.5	68	9	74.8	103.9	133	162.1	191.2	220.3	249.4	278.5	307.6	336.7	365.8	394.9

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

cCSAus

7GN40910



ENERGY AND AUTOMATION

7GN40910 electric ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 2 POLES 40A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

EAC UL ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete