



Product designation			Rotary cam
-			switches
Product type designation			7GN25
General characteristics			91 - ON/OFF
Switching diagram			switch 2 poles
N° of elements			1
			O - Rear
Mounting form			mounting with
Contract about a visiting			black handle
Contact characteristics			
Rated insulation voltage Ui	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp	02,00,1	kV	6
Conventional free air thermal current Ith			
	IEC/EN	А	25
	UL/CSA	А	30
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	A	25
	15kA 25kA	A A	25 25
Rated short time current Icw	2014	A	25
	1s	kA	400
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		А	25
AC15			
	110V	A	16
	220/230V	A	12
	380/400V 660/690V	A A	8 2
Rated operational power in AC	000/090 v	A	2
Three-phase AC-3			
	220/230V	kW	5.5
	380/440V	kW	7.5
	500/690V	kW	7.5
Single-phase AC-3			
	110V	kW	1.5
	220/230V	kW	3
These shares A0000	380/440V	kW	5.5
Three-phase AC23A	220/2201/	L\\/	6.5
	220/230V	kW	6.5

7GN25910

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



7GN25910 electric ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 2 POLES 25A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

		380/440V	kW	11
		500/690V	kW	11
	Single-phase AC23A			
	5	110V	kW	1.5
		220/230V	kW	3.7
		380/440V	kW	5.5
Rated operational cur	rent in DC			
	DC21A			
		48V	А	25
		60V	A	25
		110V	A	4
		220V	A	0.7
	DC23A (poles in series)	2201		0.1
		24V	А	25 (1)
		48V	A	25 (1)
		48V 60V	A	25 (2)
		110V		
			A	12 (3)
	D010	220V	A	10 (4)
	DC13	0.01	•	05
		24V	A	25
		48V	A	20
		60V	А	16
		110V	А	1.5
		220V	А	0.4
Power dissipation			W	1.1
Mechanical features				
Terminals screw				M3.5
Tightening torque for	terminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	10
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable	Max		T
	Conductor Size (ILO) - Migid Cable	min	mm²	0.5
		Max	mm²	4
Mechanical life		IVIdX		4 5x10 ⁶
UL technical data			cycles	JX 10
	t en line control			
Motor power for direc				
	for three-phase motor			•
		120V	HP	3
		240V	HP	5
		480V	HP	10
		600V	HP	15
	for single-phase motor			
		120V	HP	1.5
		240V	HP	3
Ambient conditions				
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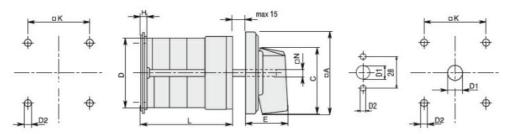
Temperature

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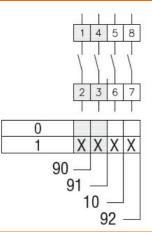
Operating temperature			
	min	°C	-25
	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00

Dimensions



Series	Dimensions					L Number of elements														
Series	□A	С	ØD	ØD2	E	Н	۵K	۵N	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

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
	EAC



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UL

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete