

7GN125750 ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH 4 POLES 125A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 90X90MM

Product designation			Rotary cam
v			switches
Product type designation General characteristics			7GN125
			75 - Changeover
Switching diagram			switch 4 poles
N° of elements			4
Mounting form			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		kV	6
Conventional free air thermal current Ith			
	IEC/EN	A	125
Deterline the stress	UL/CSA	A	130
Rated operational voltage		V	690
Rated operational impulse voltage Maximum fuse size for short-circuit protection In (gG)		kV	6
Maximum ruse size for short-circuit protection in (gG)	10kA	А	125
	15kA	A	100
	25kA	A	100
	50kA	A	100
	63kA	A	100
Rated short time current Icw			
	1s	kA	2100
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		A	125
AC15			
	110V	A	40
	220/230V	A	28
	380/400V 660/690V	A A	15 5
Rated operational power in AC	000/090 v	A	5
Three-phase AC-3			
	220/230V	kW	18.5
	380/440V	kW	37
	500/690V	kW	33
Single-phase AC-3			
	110V	kW	5
	220/230V	kW	11
	380/440V	kW	15
Three-phase AC23A			
	220/230V	kW	30
	380/440V	kW	45
Cincle phase ACCOA	500/690V	kW	37
Single-phase AC23A	110V	kW	5
	220/230V	кvv kW	5 11
	220/230V	IN V V	

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		380/440V	kW	15
Rated operational cu	rrent in DC			
	DC21A			
		48V	А	125
		60V	A	80
		110V	А	10
		220V	A	1.2
	DC23A (poles in series)		_	
		24V	A	125 (1)
		48V	A	125 (2)
		60V	A	125 (3)
		110V	A	50 (3)
	D 040	220V	A	20 (4)
	DC13	0414	^	405
		24V 48V	A	125
		48V 60V	A A	100 50
		110V		4
Power dissipation		1100	A W	6.3
Mechanical features			vv	0.5
Terminals screw				M2X5
Tightening torque for	terminals may		Nm	2
Conductor size				۲
	AWG - Rigid cable			
	AWG - Rigid Cable	min	AWG	14
		Max	AWG	1/0
	AWG - Flexible cable	Max	////0	1/0
		min	AWG	14
		Max	AWG	1/0
	Conductor size (IEC) - Flexible cable	more	/	., 0
		min	mm²	2.5
		Max	mm²	50
	Conductor size (IEC) - Rigid cable			
		min	mm²	2.5
		Max	mm²	50
Mechanical life			cycles	1X10 ⁶
UL technical data			,	
Motor power for direc	ct-on-line control			
-	for three-phase motor			
		120V	HP	15
		240V	HP	25
		480V	HP	50
		600V	HP	40
	for single-phase motor			
		120V	HP	5
		240V	HP	15
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70

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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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IP40 IP00

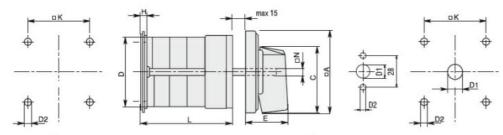
ENERGY AND AUTOMATION

Resistance & Protection

Frontal IP degree

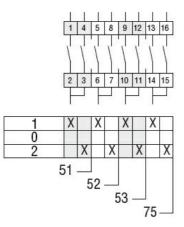
Terminals IP degree

Dimensions



Corioo				Dimer	nsions				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		
	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		
	EAC	
	UL	
ETIM classification		
		EC001029 -
ETIM 8.0		Selector switch, complete

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