

7GN12552P ENCLOSED ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH 2 POLES 125A IN PLASTIC ENCLOSURE 180X254MM WITH BLACK HANDLE

Product designation				Enclosed rotary cam switch
Product type designation	n			7GN125
General characteristics				
Switching diagram				52 - Changeover switch 2 poles
N° of elements				2
Mounting form				P - Plastic enclosure with
Mounting form				black handle
Contact characteristics				
Rated insulation voltage	e Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstan			kV	6
Conventional free air the	ermal current Ith			
		IEC/EN	A	125
		UL/CSA	<u>A</u>	130
Rated operational volta	-		V kV	690
Rated operational impu			KV	6
Maximum ruse size ior	short-circuit protection In (gG)	10kA	А	125
		15kA	A	125
		25kA	A	100
		50kA	A	100
		63kA	A	100
Rated short time curren	t Icw			
		1s	kA	2100
Conductivity				10/5 mA/V
Operational current le l	EC/EN			
	AC1/AC21A			
			Α	125
	AC15			
		110V	А	40
		220/230V	A	28
		380/400V	A	15
Deted energianal neuro		660/690V	A	5
Rated operational powe				
	Three-phase AC-3	220/230V	kW	18.5
		380/440V	kW	37
		500/690V	kW	33
	Single-phase AC-3	000,000 (
		110V	kW	5
		220/230V	kW	11
		380/440V	kW	15
	Three-phase AC23A			
		220/230V	kW	30
		380/440V	kW	45
		500/690V	kW	37
	Single-phase AC23A			
		110V	kW	5
		220/230V	kW	11

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		380/440V	kW	15
Rated operational cu				
	DC21A			
		48V	A	125
		60V 110V	A	80
		220V	A A	10 1.2
	DC23A (poles in series)	2201	Α	1.2
		24V	А	125 (1)
		48V	A	125 (2)
		60V	А	125 (3)
		110V	А	50 (3)
		220V	А	20 (4)
	DC13			
		24V	Α	125
		48V	А	100
		60V	A	50
		110V	A	4
Power dissipation			W	6.3
Mechanical features				MOXE
Terminals screw	terminale may		Nim	M2X5
Tightening torque for Conductor size	terminals max		Nm	2
Conductor size	AWG - Rigid cable			
	AWG - Nigid Cable	min	AWG	14
		Max	AWG	1/0
	AWG - Flexible cable	max	/	.,
		min	AWG	14
		Max	AWG	1/0
	Conductor size (IEC) - Flexible cable			
		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	t en line control			
Motor power for direc	for three-phase motor			
	for three-phase motor	120V	HP	15
		120V 240V	HP	25
		480V	HP	50
		400V 600V	HP	40
	for single-phase motor			
	č	120V	HP	5
		240V	HP	15
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature		•	40
		min	°C °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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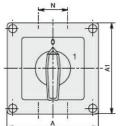
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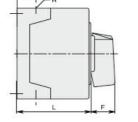
Resistance & Protection

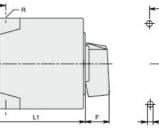
Frontal IP degree

Terminals IP degree

Dim<u>ensions</u>



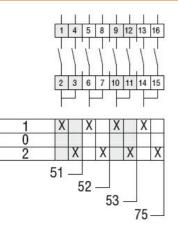




IP65 IP00

Sories Enclosure Number of elements				Dimensions									Cable	Protection	
Series Size	L	L1	Α	A1	C	C1	D	F	M	N	L	L1	Cable entry	degree	
7GN12	75x75	1-2	3 - 4												
7GN20]	1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25	1	1	2 - 3												
7GN12	90x90	1-3	4 - 6												
7GN20]	1-3	4 - 6	2000	1000		1000		1000	10210	1000				
7GN25		1-2	3 - 4	90	90	79	63	4.5	25	19	30	71.3	98.3	4xPG16	IP65
7GN32		1-2	3 - 4												
7GN40		1	2 - 3												
7GN12	110x110	1-4	5 - 8												
7GN20		1-4	5 - 8												
7GN25		1-3	4 - 5	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65
7GN32		1-3	4 - 5	110	110	30.4	00	4.5	52	21	00.0	00.0	110.0	471.021	11 00
7GN40		1-2	3 - 5												
7GN63		1-2	3 - 4												
7GN32	125x175	1-3	4 - 5												
7GN40		1-2	3 - 4	125	175	146	112	5.5	32	21	68	84.3	118.3	4xPG21	IP65
7GN63		1-2	3 - 4	120		140	105	0.0	02			04.0	110.0	2xPG11	11 00
7GN125		1	2												
7GN32	180x254	1-5	6 - 8												
7GN40		1-4	5 - 7	180	254	120	190	5.5	32	35	76	121	175	4xPG29	IP65
7GN63		1-3	4 - 6	100	201	120	100	0.0	02			121		2xPG11	
7GN125		1-2	3 - 4												

Wiring diagrams



Certifications and compliance

Compliance

	IEC/EN/BS 60947-1
	IEC/EN/BS 60947-3
	IEC/EN/BS 60947-5-1
Certificates	
	EAC
ETIM classification	



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ETIM 8.0

EC001029 -Selector switch, complete