

ENCLOSED ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH 2 POLES 40A IN PLASTIC ENCLOSURE 110X110MM WITH BLACK HANDLE

Product designation				Enclosed rotary
_				cam switch
Product type designation General characteristics				7GN40
Switching diagram				52 - Changeover switch 2 poles
N° of elements				2
Mounting form				P - Plastic enclosure with black handle
Contact characteristics				
Rated insulation voltage	e Ui			
		IEC/EN	V	690
Data diseasula a suithatas	d valtaga l lima	UL/CSA	V kV	600
Rated impulse withstar Conventional free air th			KV	6
Conventional free all th	erriai current itti	IEC/EN	Α	40
		UL/CSA	Α	50
Rated operational volta	ge		V	480
Rated operational impu			kV	4
Maximum fuse size for	short-circuit protection In (gG)			
		10kA	Α	40
		15kA	Α	40
		25kA	A	40
		50kA	A	40
Rated short time currer	at low	63kA	Α	40
Nated Short time curren	It ICW	1s	Α	1000
Conductivity		10		10/5 mA/V
Operational current le l	EC/EN			
·	AC1/AC21A			
			Α	40
	AC15			
		110V	Α	25
		220/230V	A	22
		380/400V	A	12
Rated operational power	ar in AC	660/690V	Α	2
rtated operational power	Three-phase AC-3			
	Till do pilado / to d	220/230V	kW	8
		380/440V	kW	15
		500/690V	kW	15
	Single-phase AC-3			_
		110V	kW	3
		220/230V	kW	6.5
	The second second	380/440V	kW	8
	Three-phase AC23A	220/2201/	1 ////	Q
		220/230V 380/440V	kW kW	8 18.5
		500/690V	kW	22
	Single-phase AC23A	200,000 ¥		
	J ,	110V	kW	3
		220/230V	kW	6



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		380/440V	kW	11
Rated operational cur				
	DC21A			
		48V	A	40
		60V 110V	A A	40 6
		220V	A	0.9
	DC23A (poles in series)	220 V		0.5
	2 0 20.1 (p 0:00 iii 0 0:100)	24V	Α	40 (1)
		48V	Α	40 (2)
		60V	Α	40 (3)
		110V	Α	20 (3)
	-	220V	A	12 (4)
	DC13	0.07		40
		24V 48V	A	40
		46 V 60 V	A A	32 16
		110V	A	3
Power dissipation		1100	W	2.0
Mechanical features				
Terminals screw				M4
Tightening torque for	terminals max		Nm	1.2
Conductor size				
	AWG - Rigid cable			
		min	AWG	16
	ANNO Electrical	Max	AWG	8
	AWG - Flexible cable	min	A1A/C	16
		min Max	AWG AWG	16 10
	Conductor size (IEC) - Flexible cable	IVIAA	AVVO	10
	Conductor Ci25 (126) Trioxible dable	min	mm²	1.5
		Max	mm²	6
	Conductor size (IEC) - Rigid cable			
		min	mm²	1.5
		Max	mm²	10
Mechanical life			cycles	5x10 ⁶
UL technical data	t on the control			
Motor power for direc	for three-phase motor			
	ioi tillee-phase motol	120V	HP	5
		240V	HP	10
		480V	HP	20
		600V	HP	20
	for single-phase motor			
		120V	HP	2
		240V	HP	5
Ambient conditions				
Temperature	Operating temperature			
	Operating temperature	min	°C	-25
		max	°C	-25 +55
	Storage temperature	παλ		
	2.5.290 (3.11) 2.14(4.10)	min	°C	-40
		max	°C	+70

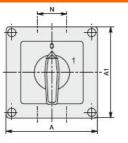
ENERGY AND AUTOMATION

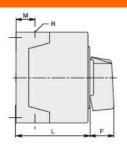
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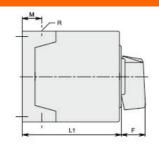
Resistance & Protection

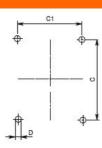
Frontal IP degree IP65
Terminals IP degree IP00

Dimensions



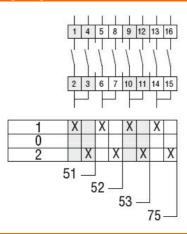






Series	Enclosure size	Number o	f elements	Dimensions								Cable	Protection		
		L	L1	Α	A1	С	C1	D	F	M	N	L	L1	entry	Protection degree
7GN12	75x75	1 - 2	3 - 4												
7GN20		1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2-3												
7GN12	90x90	1 - 3	4 - 6												
7GN20		1-3	4 - 6	0000	1500.50		2025			2455.51	0000			100000000000000000000000000000000000000	44000000
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				1								
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	7.0	32		00.0	00.0	113.5	TAIGET	11 00
7GN40	1	1-2	3 - 5												
7GN63		1-2	3 - 4												
7GN32	125x175	1 - 3	4 - 5												0.5
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	170	140	1.112	0.0	02		00	04.0	110.0	2xPG11	11 00
7GN125		1	2												
7GN32	180x254	1 - 5	6-8											7992.5.136716-75.07	
7GN40		1-4	5 - 7	180	254	120	190	5.5	32	35	76	121	175	4xPG29	IP65
7GN63	1	1 - 3	4 - 6	100	201	120	100	0.0	0.2		1.0	,		2xPG11	11 00
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



7GN4052P

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ETIM 8.0

EC001029 -Selector switch, complete