



ENCLOSED ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2-3, 1 POLE 40A IN PLASTIC ENCLOSURE 110X110MM WITH BLACK HANDLE

Product designation Product type designation	on			Enclosed rotary cam switch 7GN40	
General characteristics					
Switching diagram				108 - Multi-step 0-1-2-3 1 pole	
N° of elements				2	
Mounting form				P - Plastic enclosure with black handle	
Contact characteristics					
Rated insulation voltage	e Ui				
		10kA A 15kA A 25kA A 50kA A 63kA A			
Rated impulse withstar	nd voltage Uimp	32,00,1		600	
Conventional free air th					
		IEC/EN	Α	40	
		UL/CSA	Α	50	
Rated operational volta	ige		V	480	
Rated operational impu	ılse voltage		kV	4	
Maximum fuse size for	short-circuit protection In (gG)				
			Α	40	
				40	
				40	
				40	
Data dala antico a successiva	-41	63KA	Α	40	
Rated short time currer	it icw	10	ĿΛ	1000	
Conductivity		15	KA	10/5 mA/V	
Operational current le	IFC/FN			10/5 HIA/ V	
Operational current le	AC1/AC21A				
	7.6 17.16217.		Α	40	
	AC15				
		110V	Α	25	
		220/230V	Α	22	
		380/400V	Α	12	
		660/690V	Α	2	
Rated operational power	er in AC				
	Three-phase AC-3				
		220/230V	kW	8	
		380/440V	kW	15	
	0	500/690V	kW	15	
	Single-phase AC-3	440\/	LAAZ	0	
		110V 220/230V	kW kW	3 6.5	
		380/440V	kW	8	
	Three-phase AC23A	300/440 V	KVV		
	THOO PHOSO NOZON	220/230V	kW	8	
		380/440V	kW	18.5	
		500/690V	kW	22	
	Single-phase AC23A				
		110V	kW	3	
		220/230V	kW	6	



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-	380/440V	kW	11
Rated operational current in DC			
DC21A			
	48V	Α	40
	60V	Α	40
	110V	Α	6
	220V	A	0.9
DOODA (a alaa ia a asiaa)	Z20 V		0.9
DC23A (poles in series)			10 (1)
	24V	Α	40 (1)
	48V	Α	40 (2)
	60V	Α	40 (3)
	110V	Α	20 (3)
	220V	Α	12 (4)
DC13			· · · · · · · · · · · · · · · · · · ·
2010	24V	Α	40
	48V	A	32
	60V	Α	16
	110V	Α	3
Power dissipation		W	2.0
Mechanical features			
Terminals screw			M4
Tightening torque for terminals max		Nm	1.2
Conductor size		14111	1.2
AWG - Rigid cable			
	min	AWG	16
	Max	AWG	8
AWG - Flexible cable			
	min	AWG	16
	Max	AWG	10
Conductor size (IEC) - Flexi		7,,,,,	
Conductor size (ILO) - Hexi			4 5
	min	mm²	1.5
	Max	mm²	6
Conductor size (IEC) - Rigio	d cable		
	min	mm²	1.5
	Max	mm²	10
Mechanical life		cycles	5x10 ⁶
UL technical data		0,0.00	
Motor power for direct-on-line control			
•			
f = 1			
for three-phase motor			_
for three-phase motor	120V	HP	5
for three-phase motor	240V	HP	10
for three-phase motor			
for three-phase motor	240V	HP	10
	240V 480V	HP HP	10 20
for three-phase motor for single-phase motor	240V 480V 600V	HP HP HP	10 20 20
	240V 480V 600V	HP HP HP	10 20 20 2
for single-phase motor	240V 480V 600V	HP HP HP	10 20 20
for single-phase motor Ambient conditions	240V 480V 600V	HP HP HP	10 20 20 2
for single-phase motor Ambient conditions Temperature	240V 480V 600V	HP HP HP	10 20 20 2
for single-phase motor Ambient conditions	240V 480V 600V	HP HP HP	10 20 20 2
for single-phase motor Ambient conditions Temperature	240V 480V 600V	HP HP HP	10 20 20 2
for single-phase motor Ambient conditions Temperature	240V 480V 600V 120V 240V	HP HP HP HP	10 20 20 2 5
for single-phase motor Ambient conditions Temperature Operating temperature	240V 480V 600V 120V 240V	HP HP HP HP	10 20 20 2 5
for single-phase motor Ambient conditions Temperature	240V 480V 600V 120V 240V	HP HP HP HP C°C	10 20 20 2 5
for single-phase motor Ambient conditions Temperature Operating temperature	240V 480V 600V 120V 240V	HP HP HP HP	10 20 20 2 5

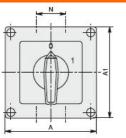
ENERGY AND AUTOMATION

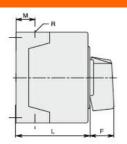
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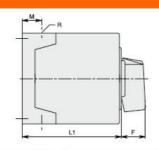
Resistance & Protection

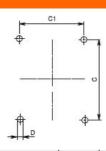
Frontal IP degree IP65
Terminals IP degree IP00

Dimensions



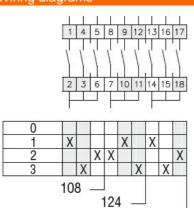






Series	Enclosure size	Number o	f elements	Dimensions								Cable	Protection		
		L	L1	Α	A1	С	C1	D	F	M	N	L	L1	entry	degree
7GN12	75x75	1-2	3 - 4												
7GN20		1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2-3												
7GN12	90x90	1-3	4 - 6												
7GN20		1-3	4 - 6	2000	1000	0000	10000	1000000	45254	10000	4500		1000000	200 12 12 12 12 12 12 12	100000000000000000000000000000000000000
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	02	"	00.0	00.0	113.5	TAIGET	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	170	140	1112	0.0	OL.		"	04.0	110.0	2xPG11	11 00
7GN125		1	2												
7GN32	180x254	1 - 5	6-8												
7GN40	1	1 - 4	5 - 7	180	254	120	190	5.5	32	35	76	121	175	4xPG29	IP65
7GN63		1 - 3	4 - 6	,50	234	.20	.50	0.0	J.	50		,21		2xPG11	30
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

136

ETIM classification



7GN40108P

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ETIM 8.0

EC001029 -Selector switch, complete