

## **7GN32110P** ENCLOSED ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2-3-4-5, 1 POLE 32A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE

Product designation CMA 25 Product type designation CMA 25 Switching diagram 25 Switching din din din diagram 25 Switching diagram 25 Switc					Enclosed rotary
General characteristics 110. Multi-step 0-1-2-3-4-5 1 pole   N° of elements 3   Mounting form enclosure with black handle   Contact characteristics enclosure with black handle   Rated insulation voltage Uin IEC/EN V   Conventional free air thermal current Ith IEC/EN X   Rated operational voltage V 480   Rated operational voltage V 480   Rated operational impulse voltage V 480   Rated operational impulse voltage V 480   Rated operational impulse voltage V 4   Maximum fuse size for short-circuit protection In (gG) 10kA A   Onductivity 10s kA 32   Conductivity 15 kA 32   Conductivity 105 mAV   Operational current Icw 10   AC15 110V A   220/230V A 20   380/400V XW 10   660/690V 2 22   20/230V KW 11	Product designation				
Switching diagram 110 - Multi-step 0-1-2-3-4-5 1 pole   N° of elements 3   Mounting form P - Plastic enclosure with black handle   Contact characteristics IEC/EN V   Rated insulation voltage Ui IEC/EN V 690   QuitCSA V 6 6   Conventional free air thermal current lth IEC/EN V 6   Conventional free air thermal current lth IEC/EN A 40 A   Rated operational impulse voltage V 4 A   Rated operational impulse voltage KV 4 A   Rated operational impulse voltage KV 4 A   Maximum fuse size for short-circuit protection In (gG) 10KA A 32 2   Conductivity 105 mA/V 0 0 0 0   Conductivity 105 mA/V 0					7GN32
Switching diagram 0-1-2:3-4:5 1   N° of elements 3   Mounting form enclosure with black handle   Contlact characteristics enclosure with black handle   Rated insulation voltage Uin IEC/EN V 690   Context characteristics V 600 EC/EN V 600   Rated inpulse withstand voltage Uinp KV 6 Conventional free air thermal current Ith IEC/EN A 32   Rated operational voltage V 480 Rated operational inpulse voltage KV 4   Maximum fuse size for short-circuit protection In (gG) 10KA A 32 25KA A 32   Conductivity 10kGA A 32 25KA A 32   Conductivity 10/5 mA/V 00/5 mA/V 00/5 mA/V 00/5 mA/V 00/5 mA/V   Operational current Icw 1 5 KA 800 20/5 380/400/V A 20/5	General characteristic	S			110 Multi stop
N° of elements 3   Mounting form P - Plastic enclosure with black handle   Contact characteristics enclosure with black handle   Rated insulation voltage Ui IEC/EN V 600   Rated insulation voltage Uimp KV 6   Conventional free air thermal current Ith IEC/EN V 600   Rated operational voltage V 480 40   Rated operational impulse voltage KV 4 32   TiskA A 32 25kA 32   Staka A 32 15kA A 32   Conductivity 10kA A 32 25kA A 32   Conductivity 10kA A 32 25kA A 32   Conductivity 10/5 mA/V 0/5 mA/V 0 380/400V A 10   Conductivity 10/5 mA/V 10/5 mA/V 20 380/400V A 20   Rated operational power in AC Three-phase AC-3 200/230V A 20	Switching diagram				0-1-2-3-4-5 1
Mounting form enclosure with black handle   Contact characteristics IEC/EN V 690   Rated insulation voltage Ui IEC/EN V 600   Rated inpulse withstand voltage Uimp KV 6   Conventional free air thermal current Ith IEC/EN A 32   Rated operational voltage V 480 480   Rated operational impulse voltage KV 4   Maximum fuse size for short-circuit protection In (gG) 10kA A 32   15kA A 32 25kA A 32   25kA A 32 25kA A 32   Conductivity 10kA A 32 32   Conductivity 10/5 mA/V 0 0 0   Conductivity 10/5 mA/V 0 0 0   Conductivity 10/5 mA/V 0 0 0 0   Conductivity 10/5 mA/V 2 2 20/230V A 10   AC15 110V	N° of elements				
IEC/EN V 690   UL/CSA V 690   Conventional free air thermal current lth   IEC/EN KV 6   Conventional free air thermal current lth   IEC/EN A 32   UL/CSA A 40   Rated operational voltage V 480   Rated operational impulse voltage V 480   Rated operational impulse voltage V 480   Maximum fuse size for short-circuit protection In (gG) 10kA A 32   Act operational impulse voltage V 480   Conductivity 10kA A 32   Conductivity 10kA A 32   Conductivity 10/5 KV 4   Act1/Ac21A A 32   Act1/Ac21A					

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Rated operational cu				
	DC21A			
		48V	А	32
		60V	А	32
		110V	Α	6
		220V	A	0.9
	DC23A (poles in series)			
		24V	A	32 (1)
		48V	A	32 (2)
		60V	A	32 (3)
		110V	A	15 (3)
	<b>D</b> 040	220V	A	12 (4)
	DC13	0.414	^	20
		24V	A	32
		48V	A	25
		60V	A	16
		110V	A	3
Dowor dissinction		220V	A W	0.5
Power dissipation Mechanical features			VV	1.5
Terminals screw				M4
	terminale may		Nimo	
Tightening torque for Conductor size			Nm	1.2
Conductor size	AVA/C Divid apple			
	AWG - Rigid cable	min	AWG	16
		Max	AWG	16 8
	AWG - Flexible cable	IVIAX	AWG	0
	AVVG - Flexible Cable	min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable	IVIAX	AWG	10
	Conductor Size (IEC) - Flexible cable	min	mm²	1.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable	IVIAA	111111	4
		min	mm²	1.5
		Max	mm²	6
Mechanical life		IVIAA	cycles	5x10 <sup>6</sup>
UL technical data			Cycles	5710
Motor power for direc	st-on-line control			
	for three-phase motor			
		120V	HP	5
		240V	HP	10
		480V	HP	15
		480V 600V	HP	15
	for single-phase motor	0007		
		120V	HP	2
		240V	HP	5
Ambient conditions		2.07		-
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature	max	~	
		min	°C	-40
		max	°C	+70
		max	<u> </u>	

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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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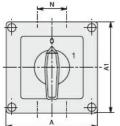
ENERGY AND AUTOMATION

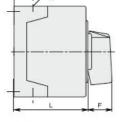
Resistance & Protection

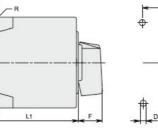
Frontal IP degree

# Terminals IP degree

**Dimensions** 



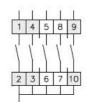


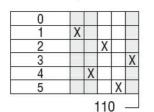


IP65 IP00

Series Enclosure Number of elements					Dimensions									Cable	Protection
Series Size	L	L1	A	A1	C	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	2403	2023	200	10403	194074-20	1047.4	12223	2423	0.000.000.000		000000000000000000000000000000000000000	10000-0-0
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			00.1		1.0	02		00.0	00.0	110.0	THE GET	
7GN40		1-2	3 - 5												
7GN63		1-2	3 - 4												
7GN32	125x175	1-3	4 - 5												
7GN40	4	1-2	3 - 4	125	175	146	112	5.5	32	21	68	84.3	118.3	4xPG21	IP65
7GN63	4	1-2	3 - 4											2xPG11	
7GN125		1	2												<u> </u>
7GN32	180x254	1-5	6 - 8												
7GN40	4	1-4	5-7	180	254	120	190	5.5	32	35	76	121	175	4xPG29	IP65
7GN63	4	1-3	4-6											2xPG11	
7GN125		1-2	3 - 4	X	2										

Wiring diagrams





Certifications and compliance

#### 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