7GN12508P25

ENERGY AND AUTOMATION

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electric ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 63A IN PLASTIC ENCLOSURE 125X175MM WITH RED/YELLOW HANDLE

Product designation				Enclosed rotary
Product type designa	tion		cam switch 7GN125	
General characteristic				/ GITIZO
Switching diagram				08 - ON/OFF switch 4 poles
N° of elements				2
Mounting form				P25 - Plastic enclosure with red/yellow handle
Contact characteristic	S			
Rated insulation volta	ge Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withsta			kV	6
Conventional free air	inermai current itn	IEC/EN	٨	105
		UL/CSA	A A	125 130
Rated operational vol	tage	01/03A	X	690
Rated operational imp	-		kV	6
	or short-circuit protection In (gG)			0
	······· ······· [················· (3·)	10kA	А	125
		15kA	А	100
		25kA	А	100
		50kA	А	100
		63kA	Α	100
Rated short time curre	ent Icw			
		1s	kA	2100
Conductivity				10/5 mA/V
Operational current le				
	AC1/AC21A		۸	105
	AC15		A	125
	ACTS	110V	А	40
		220/230V	A	28
		380/400V	A	15
		660/690V	А	5
Rated operational pov	wer in AC			
	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 kW	11 15
	Three-phase AC23A	380/440V	ĸvv	15
	mee-phase AUZSA	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	A	80
		110V	A	10
	DC224 (polos in sorios)	220V	Α	1.2
	DC23A (poles in series)	24V	А	125 (1)
		48V	A	125 (1)
		60V	A	125 (3)
		110V	A	50 (3)
		220V	А	20 (4)
	DC13			
		24V	А	125
		48V	А	100
		60V	А	50
		110V	Α	4
Power dissipation			W	6.3
Mechanical features				
Terminals screw				M2X5
Tightening torque for	terminals max		Nm	2
Conductor size				
	AWG - Rigid cable			
		min	AWG	14
	AWG - Flexible cable	Max	AWG	1/0
	AWG - Flexible Cable	min	AWG	14
		Max	AWG	1/0
	Conductor size (IEC) - Flexible cable	IVICA	ANG	1/0
		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				
	for three-phase motor			
		120V	HP	15
		240V	HP	25
		480V 600V	HP HP	50 40
	for single phase motor	000 v	LIE	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

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 7GN12508P25

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IP65 IP00

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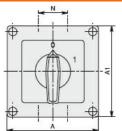
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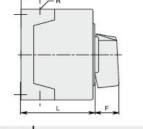
Resistance & Protection

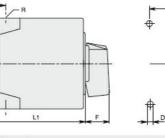
Frontal IP degree

Terminals IP degree

Dimensions

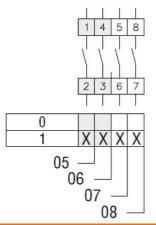






Series	Enclosure	Number o	f elements	Dimensions					Cable	Protection					
Series	Series size	L	L1	Α	A1	С	C1	D	F	Μ	N	L	L1	entry	degree
7GN12	75x75	1-2	3 - 4												
7GN20		1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2-3												
7GN12	90x90	1-3	4 - 6												
7GN20		1-3	4 - 6	20.00X				100000-00	1-27-0						
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	110	110	50.4	03	4.5	32	21	39.5	00.0	119.5	47.021	1100
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	125	175	140	112	0.0	32	21	00	04.3	110.5	2xPG11	1105
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	204	120	130	0.0	52	- 55	10	121	1/5	2xPG11	11.02
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