

7GN2512P25 ENCLOSED ROTARY CAM SWITCH 7GN SERIES, STAR-DELTA MOTOR STARTER, 25A IN PLASTIC ENCLOSURE 90X90MM WITH RED/YELLOW HANDLE

Product designation			Enclosed rotary cam switch
Product type designation			7GN25
General characteristics			
Switching diagram			12 - Star-delta motor starter switch
N° of elements			4
Mounting form			P25 - Plastic enclosure with red/yellow handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith			
	IEC/EN	A	25
	UL/CSA	<u>A</u>	30
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			<u></u>
	10kA 15kA	A	25
	25kA	A A	25 25
Rated short time current Icw	23KA	A	20
Rated short time current icw	1s	kA	400
Conductivity	15	ĸА	10/5 mA/V
Operational current le IEC/EN			10/3 11/4/ 0
AC1/AC21A			
AO ITAOZ TA		А	25
AC15			20
	110V	А	16
	220/230V	А	12
	380/400V	А	8
	660/690V	А	2
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	5.5
	380/440V	kW	7.5
	500/690V	kW	7.5
Single-phase AC-3			
	110V	kW	1.5
	220/230V	kW	3
	380/440V	kW	5.5
Three-phase AC23A	000/0001	1.1.4.7	0.5
	220/230V	kW	6.5
	380/440V	kW	11
Single phase AC22A	500/690V	kW	11
Single-phase AC23A	110V	kW	1.5
	220/230V	kw	3.7
	380/440V	kW	5.5
Rated operational current in DC			~~~

Rated operational current in DC

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	D0044			
	DC21A	48V	А	25
		48V 60V	A	25
		110V	A	4
		220V	A	0.7
	DC23A (poles in series)			
	u ,	24V	А	25 (1)
		48V	А	25 (2)
		60V	А	25 (3)
		110V	Α	12 (3)
		220V	A	10 (4)
	DC13			
		24V	A	25
		48V	A	20
		60V	A	16
		110V	A	1.5
Power dissipation		220V	A W	0.4
Mechanical features			V V	1.1
Terminals screw				M3.5
Tightening torque for te	erminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
	5	min	AWG	20
		Max	AWG	10
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable		2	٥.F
		min	mm²	0.5
Mechanical life		Max	mm²	4 5x10 ⁶
UL technical data			cycles	58.10*
Motor power for direct-	on-line control			
	for three-phase motor			
		120V	HP	3
		240V	HP	5
		480V	HP	10
		600V	HP	15
	for single-phase motor			
		120V	HP	1.5
		240V	HP	3
Ambient conditions				
Temperature				
	Operating temperature		•	25
		min	°C °C	-25
	Storago tomporaturo	max	°C	+55
	Storage temperature	min	°C	-40
		max	°C	-40 +70
Resistance & Protection	on	тал	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



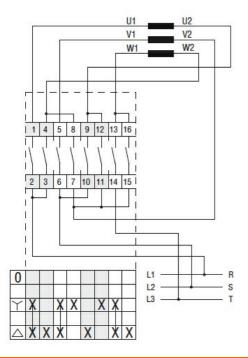
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IP65

ENERGY AND AUTOMATION

Frontal IP degree Т

Terminal	s IP deg	gree														IP00
Dimensic	ons															
									R 			- -		o	й. <u>•</u>	
Series	Enclosure	Number o	f elements						nsions					Cable entry	Protection degree	
100000000000000000000000000000000000000	size	L	L1	A	A1	C	C1	D	F	M	N	L	L1	entry	aegree	
7GN12 7GN20	75x75	1-2	3 - 4 3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65	
7GN25	1	1	2-3	15	15	- 50	04	4.5	15	14	20	57.5	19.0	441013.3	iros	
7GN12	90x90	1-3	4 - 6													(
7GN20	30730	1-3	4 - 6													
7GN25	1	1-2	3 - 4	90	90	79	63	4.5	25	19	30	71.3	98.3	4xPG16	IP65	
7GN32	1	1-2	3 - 4		2000.0	0.000									0100000000	
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			00.4		4.0	02		00.0	00.0	110.0	TALGET	11 00	
7GN40		1-2	3 - 5													
7GN63		1-2	3 - 4											L		
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					0.0						2xPG11		
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											2xPG11		
7GN125		1-2	3 - 4													1
Wiring di	agrams															



Certifications and compliance Compliance

IEC/EN/BS 60947-1

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	IEC/EN/BS 60947-3	
	IEC/EN/BS 60947-5-1	
Certificates		
	EAC	
ETIM classification		
ETIM 8.0		EC001029 - Selector switch, complete

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