## 7GN6325P25



ENCLOSED ROTARY CAM SWITCH 7GN SERIES, 1-PHASE MOTOR REVERSING SWITCH WITH SPRING RETURN 63A IN PLASTIC ENCLOSURE 125X175MM WITH RED/YELLOW HANDLE

Product designation			Enclosed rotary cam switch
Product type designation			7GN63
General characteristics			
Switching diagram			25 - 1-phase motor reversing switch with spring return
N° of elements			2
Mounting form			P25 - Plastic enclosure with red/yellow handle
Contact characteristics			
Rated insulation voltage Ui			
U U	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith			
	IEC/EN	А	63
	UL/CSA	А	60
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	А	63
	15kA	А	63
	25kA	А	63
	50kA	А	63
	63kA	Α	63
Rated short time current Icw			
	1s	Α	1600
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		A	63
AC15			
	110V	A	32
	220/230V	A	25
	380/400V 660/690V	A	15 4
Rated operational power in AC	860/890	A	4
Three-phase AC-3			
mee-phase AC-S	220/230V	kW	11
	380/440V	kW	18.5
	500/690V	kW	18.5
Single-phase AC-3			
	110V	kW	3.7
	220/230V	kW	6.5
	380/440V	kW	11.5
Three-phase AC23A	-		
	220/230V	kW	12.5
	380/440V	kW	30
	500/690V	kW	30
Single-phase AC23A			

Single-phase AC23A

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		110V	kW	3.7
		220/230V	kW	7.5
		380/440V	kW	12.5
Rated operational cu	urrent in DC			
	DC21A			
		48V	А	63
		60V	A	50
		110V	A	8
		220V	A	1
	DC23A (poles in series)			-
	(F	24V	А	50 (1)
		48V	A	50 (2)
		60V	A	50 (3)
		110V	A	25 (3)
		220V	A	15 (4)
	DC13	2201	73	10 (4)
	5613	24V	А	63
		48V	A	40
		48V 60V	A	28
Dever dissinction		110V	A	3.3
Power dissipation			W	3.4
Mechanical features				145
Terminals screw				M5
Tightening torque for	r terminals max		Nm	2
Conductor size				
	AWG - Rigid cable			
		min	AWG	14
		Max	AWG	6
	AWG - Flexible cable			
		min	AWG	14
		Max	AWG	8
	Conductor size (IEC) - Flexible cable			
		min	mm²	2.5
		Max	mm²	10
	Conductor size (IEC) - Rigid cable			
		min	mm²	2.5
		Max	mm²	16
Mechanical life			cycles	5x10 <sup>6</sup>
JL technical data				
Motor power for dire	ct-on-line control			
	for three-phase motor			
		120V	HP	7.5
		120V 240V	HP	7.5 15
		240V 480V		
			HP	25
	for single phone mater	600V	HP	25
	for single-phase motor	40017		0
		120V	HP	3
A 1		240V	HP	10
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			

Storage temperature

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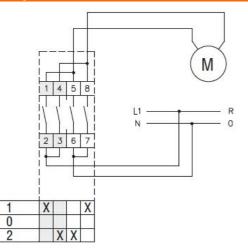
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															°C °C	-40 +70
Resistan	ce & Pro	otection	1											0.7 (	•	
Frontal IF																IP65
Terminal																IP00
Dimensio		,														
	<del>&lt; <sup>N</sup> &gt;</del>		M	-				M					C1			
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-	A	-	-	L		F	ļ	٠	L1	>	< F >	-	<u>∢</u> D			
Series	Enclosure	Number of	elements			dia ang	ile.	Dimer	nsions	20		110	al c	Cable	Protection degree	
	size	L	L1	A	A1	C	C1	D	F	М	N	L	L1	entry	degree	
7GN12	75x75	1-2	3 - 4 3 - 4	75	75	50	64	4.5	19	14	28	67.6	79.8	4xPG13.5	IP65	
7GN20 7GN25		1-2	2-3	75	/5	50	64	4.5	19	14	28	57.5	79.8	4XPG13.5	IPb5	
7GN12	90x90	1-3	4 - 6													
7GN20	30,30	1-3	4 - 6													
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 7GN12	110x110	1 1-4	2-3 5-8	_												
7GN12 7GN20	110x110	1-4	5-8													
7GN25	1	1-3	4 - 5	110	110	98.4	83	4.5	20	21	39.5	05.5	110.5	4xPG21	IP65	
7GN32		1-3	4 - 5	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4XPG21	IPbb	
7GN40		1-2	3 - 5													
7GN63 7GN32	105-175	1-2	3 - 4 4 - 5				-	~		~						
7GN32 7GN40	125x175	1-3	3-4											4xPG21		
7GN63	1	1-2	3 - 4	125	175	146	112	5.5	32	21	68	84.3	118.3	2xPG11	IP65	
7GN125		1	2													
7GN32	180x254	1-5	6 - 8													2
7GN40		1-4	5-7	180	254	120	190	5.5	32	35	76	121	175	4xPG29 2xPG11	IP65	
7GN63 7GN125		1-3	4 - 6 3 - 4											ZXPGTT		
Wiring di		++									ļ	ļ			ļ	

Wiring diagrams



#### Certifications and compliance

# Compliance

IEC	/EN/BS 60947-1		
IEC	/EN/BS 60947-3		
IEC	/EN/BS 60947-5-1		

### Certificates

EAC

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ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete