

7GN3211P25 ENCLOSED ROTARY CAM SWITCH 7GN SERIES, 3-PHASE MOTOR REVERSING SWITCH 32A IN PLASTIC ENCLOSURE 90X90MM WITH RED/YELLOW HANDLE

Product designation				Enclosed rotary
Product type designati	ion			cam switch 7GN32
General characteristics				7 GIN32
Switching diagram				11 - 3-phase motor reversing switch
N° of elements				3
Mounting form				P25 - Plastic enclosure with red/yellow handle
Contact characteristics				
Rated insulation voltag	je Ui		.,	
		IEC/EN	V	690
Rated impulse withsta	nd voltage Llimp	UL/CSA	V kV	<u>600</u> 6
Conventional free air th			ĸv	0
		IEC/EN	А	32
		UL/CSA	A	40
Rated operational volta	ade		V	480
Rated operational imp	-		kV	4
i	short-circuit protection In (gG)			
		10kA	А	32
		15kA	А	32
		25kA	А	32
		50kA	A	32
Rated short time curre	nt Icw			
		1s	A	800
Conductivity				10/5 mA/V
Operational current le	AC1/AC21A			
	ACT/ACZTA		А	32
	AC15		~	52
		110V	А	25
		220/230V	A	20
		380/400V	А	10
		660/690V	А	2
Rated operational pow	ver in AC			
	Three-phase AC-3			
		220/230V	kW	7.5
		380/440V	kW	11
	Single phase AC 2	500/690V	kW	11
	Single-phase AC-3	110V	kW	2.2
		220/230V	kW	4
		380/440V	kW	6.5
	Three-phase AC23A			
		220/230V	kW	8
		380/440V	kW	15
		500/690V	kW	18.5
	Single-phase AC23A			
		110V	kW	2.2
		220/230V	kW	4

7GN3211P25



7GN3211P25 ENCLOSED ROTARY CAM SWITCH 7GN SERIES, 3-PHASE MOTOR REVERSING SWITCH 32A IN PLASTIC ENCLOSURE 90X90MM WITH RED/YELLOW HANDLE

		380/440V	kW	7.5
Rated operational c	urrent in DC			
	DC21A			
		48V	А	32
		60V	А	32
		110V	А	6
		220V	Α	0.9
	DC23A (poles in series)			
		24V	А	32 (1)
		48V	А	32 (2)
		60V	А	32 (3)
		110V	А	15 (3)
		220V	А	12 (4)
	DC13			
		24V	А	32
		48V	А	25
		60V	А	16
		110V	А	3
		220V	А	0.5
Power dissipation			W	1.5
Mechanical features	S			
Terminals screw				M4
Tightening torque for	or terminals max		Nm	1.2
Conductor size				
	AWG - Rigid cable			
		min	AWG	16
		Max	AWG	8
	AWG - Flexible cable	IVICA	700	0
	AWO - Mexible 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 cize (IEC) Divid achie	IVIDA	111111	4
	Conductor size (IEC) - Rigid cable			4 5
		min	mm²	1.5
March and a shift		Max	mm²	6
Mechanical life			cycles	5x10⁵
UL technical data	and an Parameter I			
Motor power for dire				
	for three-phase motor	1001		-
		120V	HP	5
		240V	HP	10
		480V	HP	15
		600V	HP	15
	for single-phase motor			_
		120V	HP	2
		240V	HP	5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40

7GN3211P25

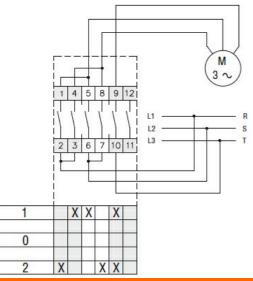
The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



7GN3211P25 ENCLOSED ROTARY CAM SWITCH 7GN SERIES, 3-PHASE MOTOR REVERSING SWITCH 32A IN PLASTIC ENCLOSURE 90X90MM WITH RED/YELLOW HANDLE

													m	ax	°C	+70	
Resistanc			า														
Frontal IP	degre	е														IP65	
Terminals	erminals IP degree											IP00					
Dimensions																	
a l	T_R	R							←								
∲_¦	<u> </u>	•	-				-			h		Φ	8	- (1		
	Å.											a					
<u> </u>	## <u>}'</u> -	F	-														
												-					
	Ų				Ā												
© L							-	- 🗋			1000	h		- ф	L		
*	A	*	-	L		F	ļ	< <u>'</u>	L1		F >	-	∠ D				
		Numbers	f elements	8				Dimer	alana								
Series	Enclosure size		L1	A	A1	С	C1	Dime	F	M	N	L	L1	Cable entry	Protection 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			0			_			_					
	90x90	1-3	4 - 6														
7GN20 7GN25		1-3	4 - 6 3 - 4	90	90	79	63	4.5	25	19	30	71.3	98.3	4xPG16	IP65		
7GN25		1-2	3-4	90	90	19	03	4.0	20	19	30	71.5	90.5	425610	1600		
7GN40		1	2-3														
	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 7GN40		1-3	4 - 5 3 - 5														
7GN40 7GN63		1-2	3-5														
	125x175	1-3	4-5			-	c	C	c			C	с				
7GN40	LOATIO	1-2	3 - 4	105	175	140	110		00			04.0	440.0	4xPG21	IDOC		
7GN63		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											4.0000			
7GN40 7GN63		<u>1-4</u> 1-3	5 - 7 4 - 6	180	254	120	190	5.5	32	35	76	121	175	4xPG29 2xPG11	IP65		
7GN03 7GN125		1-3	3-4											ZAFGTT			
											ļ						

Wiring diagrams



Certifications and compliance

Compliance

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

7GN3211P25



ENERGY AND AUTOMATION

ETIM 8.0

Certificates EAC ETIM classification EC001029 -

EC001029 -Selector switch, complete