

## **7GN25135P** ENCLOSED ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2, 3 POLES 25A IN PLASTIC ENCLOSURE 75X75MM WITH BLACK HANDLE

Product designation				Enclosed rotary
-	ion			cam switch 7GN25
Product type designat General characteristic				7GN25
Switching diagram				135 - Multi-step 0-1-2 3 poles
N° of elements				3
Mounting form				P - Plastic enclosure with black handle
Contact characteristics	6			
Rated insulation voltag	ge Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withsta			kV	6
Conventional free air the	hermal current Ith			
		IEC/EN	A	25
		UL/CSA	<u>A</u>	30
Rated operational volt			<u>V</u>	480
Rated operational imp	5		kV	4
Maximum fuse size for	r short-circuit protection In (gG)			0.5
		10kA 15kA	A	25 25
		25kA	A A	25
Rated short time curre	ant low	ZJKA	A	20
		1s	kA	400
Conductivity		15	NA.	10/5 mA/V
Operational current le	IEC/EN			
	AC1/AC21A			
			А	25
	AC15			
		110V	А	16
		220/230V	А	12
		380/400V	А	8
		660/690V	Α	2
Rated operational pow				
	Three-phase AC-3			
		220/230V	kW	5.5
		380/440V	kW	7.5
		500/690V	kW	7.5
	Single-phase AC-3	4401/	1-3.47	4 5
		110V 220/230V	kW	1.5
			kW kW	3
	Three-phase AC23A	380/440V	r v v	5.5
	mee-phase AUZSA	220/230V	kW	6.5
		380/440V	kW	11
		500/690V	kW	11
	Single-phase AC23A			
		110V	kW	1.5
		220/230V	kW	3.7
		380/440V	kW	5.5
Rated operational curr	rent in DC			

## Rated operational current in DC

7GN25135P



**7GN25135P** ENCLOSED ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2, 3 POLES 25A IN PLASTIC ENCLOSURE 75X75MM WITH BLACK HANDLE

	50044			
	DC21A	401/		05
		48V	A	25
		60V	A	25
		110V 220V	A	4
	DC224 (polos in serios)	2200	А	0.7
	DC23A (poles in series)	24V	А	25 (1)
		48V	A	25 (2)
		40V 60V	A	25 (2)
		110V	A	12 (3)
		220V	A	10 (4)
	DC13	-		- ( )
		24V	А	25
		48V	А	20
		60V	А	16
		110V	А	1.5
		220V	А	0.4
Power dissipation			W	1.1
Mechanical features				
Terminals screw				M3.5
Tightening torque for te	erminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	10
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable		2	~ <del>-</del>
		min	mm²	0.5
	Conductor cize (IEC) Divid coble	Max	mm²	4
	Conductor size (IEC) - Rigid cable	min	mm²	0.5
		Max	mm²	4
Mechanical life		IVIAA	cycles	5x10 <sup>6</sup>
UL technical data			Cycles	
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			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protection				

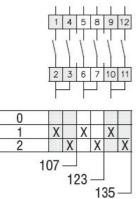
**7GN25135P** The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



ENERGY AND AUTOMATION

## **7GN25135P** ENCLOSED ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2, 3 POLES 25A IN PLASTIC ENCLOSURE 75X75MM WITH BLACK HANDLE

Frontal IF	o degree	е														IP65	
Terminals	s IP deg	ree														IP00	
	Dimensions																
							-		R			- + +		o o	i K		
Series	Enclosure	Number of						Dimer						Cable	Protection degree		
Show and set	size 75x75	L 1-2	L1 3 - 4	A	A1	C	C1	D	F	М	N	L	L1	entry	degree		
7GN20	/5X/5	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	8403	10000	1993	122.00	1200000	6985.6	1693.01	1.847.8						
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 7GN20	110x110	1-4	5-8 5-8														
7GN20		1-4	4-5														
7GN32	2	1-3	4-5	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65		
7GN40		1-2	3-5														
7GN63		1-2	3-4														
7GN32	125x175	1-3	4 - 5													1	
7GN40	Lonito	1-2	3 - 4											4xPG21	1000		
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													1	
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	190	5.5	52	50	70	121	1/5	2xPG11	1600		
7GN125		1-2	3 - 4						_							2	
Wiring dia	agrams																



Certifications and	compliance	
Compliance		
	IEC/EN/BS 60947-1	
	IEC/EN/BS 60947-3	
	IEC/EN/BS 60947-5-1	
Certificates		
	EAC	
TIM classification		
ETIM 8.0		EC001029 - Selector switch, complete

7GN25135P