

ENERGY AND AUTOMATION

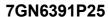
7GN6391P25

Product designation				Enclosed rotary
Product type designation	nn.			cam switch 7GN63
General characteristics				701103
Switching diagram				69 - Changeover switch without 0 4 poles
N° of elements				4
Mounting form				P - Plastic enclosure with black handle
Contact characteristics				
Rated insulation voltage	e Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstar			kV	6
Conventional free air th	ermal current Ith			
		IEC/EN	Α	63
		UL/CSA	Α	60
Rated operational volta			V	480
Rated operational impu			kV	4
Maximum fuse size for	short-circuit protection In (gG)			
		10kA	Α	63
		15kA	Α	63
		25kA	Α	63
		50kA	A	63
Data I de at Cara a con-		63kA	A	63
Rated short time currer	nt ICW	1s	Α	1600
Conductivity				10/5 mA/V
Operational current le				
	AC1/AC21A			
	-		Α	63
	AC15		_	
		110V	A	32
		220/230V	A	25
		380/400V	A	15
Dated energtional new	or in AC	660/690V	A	4
Rated operational power	Three-phase AC-3			
	Tillee-pilase AU-3	220/230V	kW	11
		380/440V	kW	18.5
		500/690V	kW	18.5
	Single-phase AC-3	000,000 (1000	10.0
	g-5 prices / 10 C	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	110V	kW	3.7



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		220/230V	kW	7.5
		380/440V	kW	12.5
Rated operational curre	ent in DC			
,	DC21A			
		48V	Α	63
		60V	Α	50
		110V	Α	8
		220V	Α	1
	DC23A (poles in series)			
		24V	Α	50 (1)
		48V	Α	50 (2)
		60V	Α	50 (3)
		110V	Α	25 (3)
		220V	Α	15 (4)
	DC13			
		24V	Α	63
		48V	Α	40
		60V	Α	28
		110V	Α	3.3
Power dissipation			W	3.4
Mechanical features				
Terminals screw				M5
Tightening torque for to	erminals max		Nm	2
Conductor size				_
	AWG - Rigid cable			
	ŭ	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 ⁶
UL technical data			,	
Motor power for direct-	-on-line control			
	for three-phase motor			
	•	120V	HP	7.5
		240V	HP	15
		480V	HP	25
		600V	HP	25
	for single-phase motor			
		120V	HP	3
		240V	HP	10
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			_
		min	°C	-40





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	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00
ETIM classification			
ETIM 8.0			EC001029 - Selector switch, complete