

7GN2053P25

Product designation				Enclosed rotary cam switch
Product type designation				7GN20
General characteristics	;			
Switching diagram				53 - Changeover switch 3 poles - 2 speed motor starting with separate windings
N° of elements				3
Mounting form				P25 - Plastic enclosure with red/yellow 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	A	20
		UL/CSA	A	20
Rated operational volta	-		V	480
Rated operational impu	-		kV	4
Maximum fuse size for	short-circuit protection In (gG)			
		10kA	A	20
		15kA	A	16
Deterlate differences	. (] .	25kA	A	16
Rated short time currer	nt ICW	1s	kA	250
Conductivity				10/5 mA/V
Operational current le l	IEC/EN			
	AC1/AC21A			
			А	20
	AC15			
		110V	А	10
		220/230V	А	8
		380/400V	А	6
		660/690V	Α	1.5
Rated operational power	er in AC			
	Three-phase AC-3			
		220/230V	kW	3
		380/440V	kW	5.5
		500/690V	kW	5.5
	Single-phase AC-3			0.0
		110V	kW	0.8
		220/230V	kW	2.2
		380/440V	kW	3
	Three-phase AC23A	200/2201/	12/17	5
		220/230V 380/440V	kW kW	5 7.5
		500/690V	kW	7.5
	Single-phase AC23A	500/030 V	17.6.6	1.0
		110V	kW	0.8

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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

Lovato
electric
ENERGY AND AUTOMATION

		220/230V 380/440V	kW kW	2.5 3.7
Rated operational curr	ent in DC	000/4401		0.1
	DC21A			
	-	48V	А	20
		60V	А	20
		110V	А	4
		220V	А	0.6
		440V	А	0.25
	DC23A (poles in series)			
		24V	Α	20 (1)
		48V	А	20 (2)
		60V	A	20 (3)
		110V	Α	10 (3)
		220V	Α	8 (4)
	DC13			
		24V	Α	20
		48V	Α	16
		60V	Α	12
		110V	A	1
		220V	Α	0.4
		440V	A	0.15
Power dissipation			W	0.8
Mechanical features				
Terminals screw				M3
Tightening torque for to	erminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable		2	o =
		min	mm²	0.5
	Orachista size (IEO) Disid set la	Max	mm²	2.5
	Conductor size (IEC) - Rigid cable		no ?	0.5
		min	mm²	0.5
Maghaniaghlifa		Max	mm²	2.5
Mechanical life UL technical data			cycles	5x10 ^e
	on line control			
Motor power for direct	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		240V 480V	HP	5 7.5
		480V 600V	HP	10
	for single-phase motor	0007	1117	10
	ior single-phase motor	120V	HP	0.75
		240V	HP	2
Ambient conditions		240 V	1117	<u>د</u>
Temperature				
rompolatalo	Operating temperature			
		min	°C	-25
			0	20

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	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP65
Terminals IP degree			IP00
ETIM classification			
ETIM 8.0			EC001029 - Selector switch, complete