



7GN2553O98

ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH 3 POLES - 2 SPEED MOTOR STARTING WITH SEPARATE WINDINGS 25A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT

PLATE: 65X65

Product designation Product type designation			Rotary cam switches 7GN25
General characteristics			
Switching diagram			53 - Changeover switch 3 poles - 2 speed motor starting with separate windings
N° of elements			3
Mounting form			O98 - Rear mounting with red/yellow handle padlockable in 0, door coupling and protection covers
Contact characteristics Rated insulation voltage Ui			
IE	EC/EN L/CSA	V V kV	690 600
Conventional free air thermal current Ith		KV	0
IE	EC/EN L/CSA	A A	25 30
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG) Rated short time current Icw	10kA 15kA 25kA	A A A	25 25 25
Rated short time current icw	1s	kA	400
Conductivity	15	NA.	10/5 mA/V
Operational current le IEC/EN			10/0 111/4 1
AC1/AC21A		Α	25
AC15			
	110V /230V	A A	16 12
	/400V	Α	8
	/690V	A	2
Rated operational power in AC Three-phase AC-3			
	/230V	kW	5.5
	/440V	kW	7.5
500	/690V	kW	7.5
Single-phase AC-3			
	110V	kW	1.5
	/230V	kW	3
Three-phase AC23A	/440V	kW	5.5
	/230V	kW	6.5

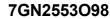




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				1 2/112: 00/100
		380/440V	kW	11
		500/690V	kW	11
	Single-phase AC23A	000/0001	1000	
	Single-phase AC23A	110\/	LAAA	1 E
		110V	kW	1.5
		220/230V	kW	3.7
		380/440V	kW	5.5
Rated operational cur	rent in DC			
	DC21A			
		48V	Α	25
		60V	Α	25
		110V	Α	4
		220V	Α	0.7
	DC23A (poles in series)	2201		0.7
	DC23A (poles ili series)	241/	۸	OF (4)
		24V	A	25 (1)
		48V	Α	25 (2)
		60V	Α	25 (3)
		110V	Α	12 (3)
		220V	Α	10 (4)
	DC13			
		24V	Α	25
		48V	A	20
		60V	A	16
		110V	A	1.5
		220V	A	0.4
Power dissipation			W	1.1
Mechanical features				
Terminals screw				M3.5
Tightening torque for t	terminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
	Avve Trigia dable	min	AWG	20
	ANAIG EL 111 11	Max	AWG	10
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable			
	, ,	min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable	IVION		•
	Obliquotor Sizo (ILO) - Migia Cable	mi-	mm²	0.5
		min	mm²	0.5
		Max	mm²	5 106
Mechanical life			cycles	5x10 ⁶
UL technical data				
Motor power for direct	t-on-line control			
	for three-phase motor			
	•	120V	HP	3
		240V	HP	5
		480V	HP	10
		600V	HP	15
	for simple whose sectors	۷۵۵۷	ПГ	10
	for single-phase motor			
		120V	HP	1.5
		240V	HP	3
Ambient conditions				
Temperature				





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Operating temperature			
	min	°C	-25
	max	°C	+55
Storage temperature			_
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00
ETIM classification			
ETIM 8.0			EC001029 - Selector switch, complete