



ENERGY AND AUTOMATION

Product designation				Rotary cam
_				switches
Product type designation General characteristics				7GN25
Switching diagram				12 - Star-delta motor starter switch
N° of elements				4
Mounting form				O98 - Rear mounting with red/yellow handle padlockable in 0, door coupling and protection covers
Contact characteristics	. I II:			
Rated insulation voltage		IEC/EN UL/CSA	V V	690 600
Rated impulse withstan			kV	6
Conventional free air th	ermal current Ith	IEC/EN UL/CSA	A A	25 30
Rated operational voltage			V	480
Rated operational impu	lse voltage		kV	4
Maximum fuse size for	short-circuit protection In (gG)			
		10kA 15kA 25kA	A A A	25 25 25
Rated short time currer	nt Icw	1s	kA	400
Conductivity				10/5 mA/V
Operational current le I				
	AC1/AC21A		Α	25
	AC15			
		110V	Α	16
		220/230V	A	12
		380/400V 660/690V	A	8
Rated operational power	ar in AC	000/0901	A	2
rated operational powe	Three-phase AC-3			
	Times phase file s	220/230V	kW	5.5
		380/440V	kW	7.5
		500/690V	kW	7.5
	Single-phase AC-3			
		110V	kW	1.5
		220/230V	kW	3
	TI 1 0000	380/440V	kW	5.5
	Three-phase AC23A	000/0001/	1.1.67	0.5
		220/230V	kW	6.5
		380/440V 500/690V	kW kW	11 11
	Single-phase AC23A	500/090V	V A A	
	Oligio pilado NOZOA			



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7GN2512O98

		110V	kW	1.5
		220/230V	kW	3.7
		380/440V	kW	5.5
Rated operational cui	rrent in DC			
rated operational cui				
	DC21A		_	
		48V	Α	25
		60V	Α	25
		110V	Α	4
		220V	Α	0.7
	DC23A (poles in series)	220 V		0.1
	DC23A (poles ill selles)	0.41.4		05 (4)
		24V	Α	25 (1)
		48V	Α	25 (2)
		60V	Α	25 (3)
		110V	Α	12 (3)
		220V	Α	10 (4)
	DC40	220 V		10 (4)
	DC13			
		24V	Α	25
		48V	Α	20
		60V	Α	16
		110V	A	1.5
		220V	Α	0.4
Power dissipation			W	1.1
Mechanical features				
Terminals screw				M3.5
Tightening torque for	terminals may		Nm	0.8
	terminais max		INIII	0.0
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	10
	AWG - Flexible cable			
	AVVO T TEXABLE CABIC	min	A \ A \ C	20
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable			
	Conductor GIZO (IZO) Trovibro cable			
	Conductor 6/20 (120) Trovibio cable	min	mm²	0.5
	Conductor 6/25 (12-6) Tricklibre cable	min Max	mm²	0.5 4
		min Max	mm² mm²	0.5 4
	Conductor size (IEC) - Rigid cable	Max	mm²	4
		Max min	mm²	0.5
		Max	mm² mm² mm²	0.5
Mechanical life		Max min	mm²	0.5
		Max min	mm² mm² mm²	0.5
UL technical data	Conductor size (IEC) - Rigid cable	Max min	mm² mm² mm²	0.5
	Conductor size (IEC) - Rigid cable	Max min	mm² mm² mm²	0.5
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max	mm² mm² mm² cycles	0.5 4 5x10 ⁶
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max 120V	mm² mm² cycles	0.5 4 5x10 ⁶
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max	mm² mm² mm² cycles	0.5 4 5x10 ⁶
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max 120V	mm² mm² cycles	3 5
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max 120V 240V 480V	mm² mm² cycles	3 5 10
UL technical data	Conductor size (IEC) - Rigid cable ct-on-line control for three-phase motor	Max min Max 120V 240V	mm² mm² cycles	3 5
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max 120V 240V 480V 600V	mm² mm² cycles HP HP HP	3 5 10 15
UL technical data	Conductor size (IEC) - Rigid cable ct-on-line control for three-phase motor	Max min Max 120V 240V 480V 600V	mm² mm² cycles HP HP HP HP	3 5 10 15
UL technical data	Conductor size (IEC) - Rigid cable ct-on-line control for three-phase motor	Max min Max 120V 240V 480V 600V	mm² mm² cycles HP HP HP	3 5 10 15
UL technical data Motor power for direc	Conductor size (IEC) - Rigid cable ct-on-line control for three-phase motor	Max min Max 120V 240V 480V 600V	mm² mm² cycles HP HP HP HP	3 5 10 15
UL technical data Motor power for direct	Conductor size (IEC) - Rigid cable ct-on-line control for three-phase motor	Max min Max 120V 240V 480V 600V	mm² mm² cycles HP HP HP HP	3 5 10 15
UL technical data Motor power for direc	Conductor size (IEC) - Rigid cable ct-on-line control for three-phase motor for single-phase motor	Max min Max 120V 240V 480V 600V	mm² mm² cycles HP HP HP HP	3 5 10 15
UL technical data Motor power for direct	Conductor size (IEC) - Rigid cable ct-on-line control for three-phase motor	Max min Max 120V 240V 480V 600V 120V 240V	mm² mm² cycles HP HP HP HP	3 5 10 1.5 3
UL technical data Motor power for direct	Conductor size (IEC) - Rigid cable ct-on-line control for three-phase motor for single-phase motor	Max min Max 120V 240V 480V 600V	mm² mm² cycles HP HP HP HP	3 5 10 15





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Storage temperature		
ğ ,	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