

Product designation				Enclosed rotary
Product type designat	ion			cam switch 7GN63
General characteristic				1 ON00
Switching diagram				12 - Star-delta motor starter switch
N° of elements				4
Mounting form				P - Plastic enclosure with black handle
Contact characteristics	5			
Rated insulation voltage	ge Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withsta			kV	6
Conventional free air t	hermal current Ith			
		IEC/EN	A	63
Detect an exetion of well		UL/CSA	<u>A</u>	60
Rated operational volt	-		V	480
Rated operational imp	5		kV	4
Maximum ruse size io	r short-circuit protection In (gG)	10kA	А	63
		15kA	A	63
		25kA	A	63
		50kA	A	63
		63kA	A	63
Rated short time curre	ent Icw			
		1s	А	1600
Conductivity				10/5 mA/V
Operational current le	IEC/EN			
-	AC1/AC21A			
			А	63
	AC15			
		110V	А	32
		220/230V	A	25
		380/400V	A	15
<u></u>		660/690V	A	4
Rated operational pow				
	Three-phase AC-3	222/2221/	1.1.1/	44
		220/230V 380/440V	kW kW	11 18.5
		500/690V	kW	18.5
	Single-phase AC-3	500/090 v	K V V	10.5
	Single-phase AC-3	110V	kW	3.7
		220/230V	kW	6.5
		380/440V	kW	11.5
	Three-phase AC23A	000/1107		
	F	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 c	urrent in DC			
	DC21A			
	DOLIN	48V	А	63
		60V	A	50
		110V	A	8
		220V	A	1
	DC23A (poles in series)	2201	~	I
	DCZ3A (poles in series)	24V	А	50 (1)
		24 V 48 V		
			A	50 (2)
		60V	A	50 (3)
		110V	A	25 (3)
		220V	A	15 (4)
	DC13			
		24V	А	63
		48V	A	40
		60V	А	28
		110V	Α	3.3
Power dissipation			W	3.4
Mechanical features	3			
Terminals screw				M5
Tightening torque fo	or terminals max		Nm	2
Conductor size				
	AWG - Rigid cable			
		min	AWG	14
		Max	AWG	6
	AWG - Flexible cable	IVICA	AWO	0
	AWG - Flexible cable	min	AWG	14
		Max	AWG	8
	Conductor size (IEC) - Flexible cable		2	
		min	mm²	2.5
		Max	mm²	10
	Conductor size (IEC) - Rigid cable			
		min	mm²	2.5
		Max	mm²	16
Mechanical life			cycles	5x10 <sup>e</sup>
UL technical data				
Motor power for dire	ect-on-line control			
	for three-phase motor			
	-	120V	HP	7.5
		240V	HP	15
		480V	HP	25
		600V	HP	25
	for single-phase motor	0001		
		120V	HP	3
		240V	HP	3 10
Ambient conditions		240 V		
Temperature				
	Operating temperature	<u>.</u>		05
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40

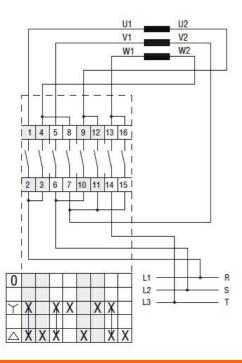
7GN6312P

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



Resistance & Protection     IP65     IP00     Dimensions     Image: Second Colspan="6">Image: Second Colspan="6" Image: Second Colspan="6" Image: Second Colspan="6" Image														m	ax	°C	+70
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Series     Enclosure Size     Number of elements     Other issue     Dimensions     Cable of the entry     Protection entry       76N12     75x75     1-2     3-4     75     75     50     64     4.5     19     14     28     57.5     79.8     4xPG13.5     IP65       76N20     1-2     3-4     75     75     50     64     4.5     19     14     28     57.5     79.8     4xPG13.5     IP65       76N20     1-2     3-4     75     75     50     64     4.5     19     14     28     57.5     79.8     4xPG13.5     IP65       76N12     90x90     1-3     4-6     90     90     79     63     4.5     25     19     30     71.3     98.3     4xPG16     IP65       76N20     1-2     3-4     90     90     90     79     63     4.5     32     21     39.5     85.5     119.5     4xPG16     IP65       76N20     1-3	+++(	1117		-		#1	+	1			+		-		o		
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TGN32 TGN40   1-3   4-5   110   110   98.4   83   4.5   32   21   39.5   85.5   119.5   4xPG21   IP65     7GN40   1-2   3-4   1					010000			0-022		224.25				-		10.000	
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7GN63     1 - 2     3 - 4     125     175     146     112     5.5     32     21     68     84.3     118.3     2xPG11     IP65       7GN125     1     2     1     2     1     68     84.3     118.3     2xPG11     IP65       7GN32     180x254     1 - 5     6 - 8     1     1     4     5 - 7     180     254     120     190     5.5     32     35     76     121     175     4xPG29     2xPG11     IP65       7GN63     1 - 3     4 - 6     180     254     120     190     5.5     32     35     76     121     175     4xPG29     2xPG11     IP65		125x175															
76 N63 1 - 2 3 - 4   7G N125 1 2   7G N32 180x254 1 - 5 6 - 8   7G N40 1 - 4 5 - 7   7G N63 1 - 3 4 - 6					125	175	146	112	5.5	32	21	68	84.3	118.3		IP65	
7GN32     180x254     1 - 5     6 - 8       7GN40     1 - 4     5 - 7       7GN63     1 - 3     4 - 6					1010000	8004003	121-1120	05-0579.5	250550	0.000		MERC			ZXPG11	-20.0110.000	
7GN40     1 - 4     5 - 7     180     254     120     190     5.5     32     35     76     121     175     4xPG29 2xPG11     IP65		100-254														<u> </u>	
7GN63 1 - 3 4 - 6 180 254 120 190 5.5 32 35 76 121 175 2xPG11 1P05		1003204													4xPG29		
7GN125 1-2 3-4	7GN63		1-3	4 - 6	180	254	120	190	5.5	32	35	76	121	175		IP65	
	7GN125		1-2	3 - 4													

### Wiring diagrams



### Certifications and compliance Compliance

7GN6312P



	IEC/EN/BS 60947-1	
	IEC/EN/BS 60947-3	
	IEC/EN/BS 60947-5-1	
Certificates		
	EAC	
ETIM classification		
		EC001029 -

ETIM 8.0

EC001029 -Selector switch, complete