

Induct boolgration Switching Switching TORN32 General characteristics 26 - 3-phase motion reversing soften with spring return 26 - 3-phase motion reversing soften with spring return N* of elements 3 U-Front mounting with black handle Mounting form U-Front mounting with black handle Contact characteristics V Rated insulation voltage Ui IEC/EN V UL/CSA V Conventional free air thermal current th IEC/EN A IRated operational voltage KV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 32 Tated operational current Icw 10/S mA/V 4 32 Conductivity 10/S mA/V 10/S mA/V 00 Conductivity 10 A 32 Conductivity 10 A 32 Conductivity 10/S mA/V 00/S mA/V Operational current Icw 10/S mA/V 10/S mA/V AC15 110/V A 22 Single-phase AC-3 10/S MA/V </th <th>Product designation</th> <th></th> <th></th> <th></th> <th>Rotary cam</th>	Product designation				Rotary cam
General characteristics 28 - 3-phase motor reversing switch with spring return N° of elements 3 Mounting form U - Front mounting with black handle Contact characteristics ULCSA Rated insulation voltage Uimp V Extent insulation voltage Uimp V Rated insulation voltage Uimp V Rated operational voltage V Rated operational voltage V Rated operational impulse voltage V Rated operational impulse voltage V Rated operational unrepresent in the current lb EC/EN Extend short time current low 10KA Conductivity 10KA Querational unrepresent in the IEC/EN A 32 Stoke A 32 Conductivity 10/5 mA/V Operational current le IEC/EN A 32 AC15 110/V AC16 20/202/30/V AC16 20/202/30/V AC17AC21A 20 Ba0/400V A Single-phase AC-3 110/V 110V KW <td>-</td> <td></td> <td></td> <td></td> <td>switches</td>	-				switches
Switching diagram 26.3-phase motor reversing switch with spring return N° of elements 3 Mounting form U - Front mounting with black handle Contact characteristics Rated inpulse withstand voltage Ump K Rated inpulse withstand voltage Ump K 6 Conventional free air thermal current lth IEC/EN X 6 Conventional free air thermal current lth IEC/EN A 32 Rated operational onlage V 480 480 Rated operational impulse voltage KV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 32 Conductivity 10kA A 32 25kA A 32 Conductivity 10kA A 32 25kA A 32 Conductivity 10/5 mA/V 00 00 00 00 Conductivity 10/5 mA/V 00 20/230V A 20 Conductivity 10/5 mA/V 00 20/230V A 2 Ra					7GN32
Mounting form U - Front mounting with black handle Contact characteristics ukk handle Rated insulation voltage Ui IEC/EN V 690 Rated insulation voltage Uimp KV 6 6 Conventional free air thermal current Ith IEC/EN A 32 Rated operational voltage V 480 40 Rated operational impulse voltage KV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 32 Tated operational current Icw 1s kA 800 Conductivity 1s kA 20 Conductivity 10 660/690V A Rated operational power in AC <t< td=""><td></td><td>~</td><td></td><td></td><td>motor reversing switch with spring</td></t<>		~			motor reversing switch with spring
Mounting form mounting with black handle Contact characteristics IEC/EN V 690 Rated insulation voltage Ui IEC/EN V 600 Rated inpulse withstand voltage Uimp KV 6 Conventional free air thermal current Ith IEC/EN A 32 Rated operational voltage V 480 40 Rated operational impulse voltage KV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 32 15kA A 32 25kA A 32 Conductivity 10kA A 32 25kA A 32 Conductivity 10kA A 32 25kA A 32 Conductivity 10's mA/V 00 00 00 00 00 Querational current Ic/EN A 32 22 22 22 22 22 22 22 22 22 22 22 22 22 22 22	N° of elements				
Contact characteristics Rated insulation voltage Ui IEC/EN V 690 Rated insulation voltage Uimp kV 6 Conventional free air thermal current Ith IEC/EN A 32 Rated operational voltage V 480 A 40 Rated operational voltage V 480 A 40 Rated operational impulse voltage kV 4 A A Maximum fuse size for short-circuit protection In (gG) 10kA A 32 25kA A 32 Conductivity 1s kA 800 Conductivity 10/5 mA/V 00 Operational current lew 1s kA 800 Conductivity 10/5 mA/V Operational current le IEC/EN A 32 220/230V A 20 380/400V A 10 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V KW 11 Single-phase AC-3 110V kW 2.2	Mounting form				mounting with
IEC/EN V 690 IEC/EN V 600 Rated impulse withstand voltage Uimp KV 6 Conventional Iree air thermal current Ith IEC/EN A 32 UL/CSA A 40 Rated operational voltage KV 4 Rated operational voltage on tage KV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 32 Rated operational current Icw Conductivity 10kA A 32 A C1/AC21A AC1/AC21A Conductivity 2 <th< td=""><td>Contact characteristic</td><td>S</td><td></td><td></td><td></td></th<>	Contact characteristic	S			
UL/CSA V 600 Rated impulse withstand voltage Ump KV 6 Conventional free air thermal current lth IEC/EN A 32 Rated operational voltage KV 4 480 Rated operational voltage KV 4 Maximum fuse size for short-circuit protection ln (gG) 10kA A 32 15kA A 32 25kA A 32 25kA A 32 25kA A 32 26kA A 32 25kA A 32 Rated short time current lcw 1s kA 800 20 Conductivity 1s kA 800 20 AC1/AC21A A 32 220/230V A 20 380/400V A 10 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 11 Single-phase AC-3 220/230V kW 4 380/440V kW 15 </td <td></td> <td></td> <td></td> <td></td> <td></td>					
Conventional free air thermal current Ith IEC/EN A 32 Rated operational voltage V 480 Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 32 15kA A 32 25kA A 32 Rated short time current lcw 10kA A 32 Conductivity 1s kA 800 Conductivity 10/5 mA/V 10/5 mA/V Operational current le IEC/EN A 32 AC15 110V A 25 AC15 110V A 20 380/400V A 10 660/690V A Rated operational power in AC 10 500/690V A 2 Single-phase AC-3 110V KW 2.2 220/230V KW 11 Single-phase AC-3 110V KW 4 380/440V 4 380/440V 4 380/440V KW 4.5 500/690V				-	
IEC/EN A 32 Rated operational voltage V 480 Rated operational impulse voltage KV 4 Maximum fuse size for short-circuit protection ln (gG) 10kA A 32 15kA A 32 25kA A 32 Rated short time current lcw 10kA A 32 Conductivity 10/5 mA/V 00/5 mA/V Operational current le IEC/EN A 32 AC15 10/V A 25 220/230V A 20 380/400V A 10 660/690V A 2 2 2 2 2 420/230V KW 11 5 500/690V A 2 Rated operational power in AC 110V KW 11 1 Single-phase AC-3 110V KW 4 380/440V 4 380/440V KW 11 5 5 5 5 5 5 5 5	-			kV	6
UL/CSA A 40 Rated operational impulse voltage V 480 Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 32 15kA A 32 56kA A 32 Rated short time current lcw 1s kA 800 0 Conductivity 10/5 mA/V 00/5 mA/V 0 Operational current le IEC/EN A 32 32 AC15 110V A 25 20/230V A 20 380/400V A 10 660/690V A 2 380/400V A 10 Rated operational power in AC 110V A 25 380/40V kW 11 Single-phase AC-3 110V KW 2.2 220/230V kW 14 380/440V kW 11 5 500/690V KW 11 Single-phase AC-3 110V KW 2.2 220/230V	Conventional free air t	thermal current Ith		_	
Rated operational voltage V 480 Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection ln (gG) 10kA A 32 15kA A 32 25kA A 32 Stated short time current lcw 1s kA 800 200 Conductivity 1s kA 800 00 Operational current le IEC/EN 10/5 mA/V 00/5 mA/V Operational current le IEC/EN 4 32 AC15 110/V A 25 220/230V A 20 380/400V A 10 660/690V A 2 2 220/230V KW 11 Single-phase AC-3 220/230V kW 11 500/690V 11 Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 1.1 500/690V 500/690V 11 500/690V 500/690V 11.5 Single-phase AC2					
Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 32 15kA A 32 15kA A 32 25kA A 32 50kA A 32 Rated short time current lcw 1s kA 800 600 Conductivity 10/5 mA/V 10/5 mA/V 00 Operational current le IEC/EN A 32 AC1/AC21A A 25 220/230V A 20 380/400V A 10 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 7.5 380/440V kW 11 500/690V KW 11 Single-phase AC-3 110V KW 2.2 220/230V kW 4 380/440V kW 1 500/690V KW 4 380/440V KW 4 Single-phase AC23A 220/230V kW 8	Detect energianel val		UL/CSA		
Maximum fuse size for short-circuit protection ln (gG) 10kA A 32 15kA A 32 25kA A 32 50kA A 32 50kA A 32 50kA A 32 Conductivity 1s kA 800 Conductivity 10/5 mA/V 10/5 mA/V Operational current le IEC/EN AC11AC21A A AC15 110V A 25 220/230V A 20 380/400V A 10 660/690V A 2 20/230V KW 11 Single-phase AC-3 220/230V KW 7.5 380/440V kW 11 Single-phase AC-3 110V KW 2.2 220/230V kW 4 380/440V kW 4 380/440V kW 4 380/440V kW 15 500/690V kW 15 Single-phase AC23A 220/230V kW					
10kA A 32 15kA A 32 25kA A 32 50kA A 32 50kA A 32 50kA A 32 50kA A 32 Conductivity 1s kA 800 Operational current le IEC/EN AC15 110V A 25 220/230V A 20 380/400V A 10 660/690V A 2 20/230V KW 7.5 380/400V kW 11 500/690V kW 11 Single-phase AC-3 Three-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 4 380/440V kW 4 380/440V kW 4 380/440V kW 18.5 5 50/680V 18.5 Single-phase AC23A				κv	4
15kA A 32 25kA A 32 Soka A 32 Rated short time current lcw 1s kA 800 Conductivity 10/5 mA/V 0/5 mA/V Operational current le IEC/EN AC1/AC21A A 32 AC15 110V A 25 220/230V A 20 380/400V A 10 660/690V A 2 20/230V A 20 Rated operational power in AC Three-phase AC-3 220/230V kW 7.5 380/400V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 4 380/440V kW 4 380/440V kW 4 380/440V kW 15 500/690V kW 15 5 5 5 Single-phase AC23A 20/230V kW 18.		short broat protocion in (go)	10kA	А	32
25kA A 32 Rated short time current low 1s kA 800 Conductivity 10/5 mA/V 10/5 mA/V Operational current le IEC/EN A 32 AC1/AC21A A 32 AC15 110V A 25 220/230V A 20 380/400V A 10 660/690V A 2 2 2 2 2 Rated operational power in AC Three-phase AC-3 2					
Rated short time current lcw 1s kA 800 Conductivity 10/5 mA/V 10/5 mA/V Operational current le IEC/EN AC1/AC21A A 32 AC15 110V A 25 220/230V A 20 380/400V A 10 660/690V A 2 20 380/440V KW 11 Single-phase AC-3 110V kW 2.2 220/230V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 2.2 20/230V kW 4 380/440V kW 11 Single-phase AC-3 110V kW 2.2 20/230V kW 4 380/440V kW 6.5 Three-phase AC23A 20/230V kW 8 380/440V kW 15 <td< td=""><td></td><td></td><td></td><td></td><td></td></td<>					
1s kA 800 Operational current le IEC/EN AC1/AC21A A 32 AC15 110V A 25 220/230V A 20 380/400V A 10 660/690V A 2 380/400V A 10 Rated operational power in AC Three-phase AC-3 220/230V KW 7.5 380/40V kW 11 500/690V kW 11 Single-phase AC-3 110V KW 2.2 220/230V kW 4 380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 6.5 11 15 500/690V kW 15 Single-phase AC23A 20/230V kW 15 500/690V kW 15 Single-phase AC23A 110V kW 2.2 20/230V 2.2			50kA	А	
Conductivity 10/5 mA/V Operational current le IEC/EN AC1/AC21A A 32 AC15 110V A 25 220/230V A 20 380/400V A 10 660/690V A 2 20/230V KW 7.5 Rated operational power in AC Three-phase AC-3 220/230V kW 7.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 4 380/440V kW 4 380/440V kW 4 380/440V kW 6.5 110V kW 8 380/440V kW 15 500/690V kW 15 Single-phase AC23A 110V kW 15.5 500/690V 110V 110V 2.2	Rated short time curre	ent Icw			
Operational current le IEC/EN AC1/AC21A A 32 AC15 110V A 25 220/230V A 20 380/400V A 10 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 7.5 380/40V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 4 Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 4 Single-phase AC23A 220/230V kW 8 380/440V kW 8 380/440V kW 15 Single-phase AC23A 110V kW 2.2			1s	kA	
AC1/AC21A AC15 AC15 110V A 25 220/230V A 20 380/400V A 10 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 7.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 4 380/440V kW 4 380/440V kW 5.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 18.5 Single-phase AC23A 110V kW 2.2					10/5 mA/V
A 32 AC15 110V A 25 220/230V A 20 380/400V A 10 660/690V A 2 <	Operational current le				
AC15 110V A 25 220/230V A 20 380/400V A 10 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 7.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 4 380/440V kW 4 Single-phase AC23A 220/230V kW 8 220/230V kW 4 380/440V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 18.5 Single-phase AC23A 110V kW 2.2		AC1/AC21A		•	20
110V A 25 220/230V A 20 380/400V A 10 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 7.5 380/440V kW 11 Single-phase AC-3 110V kW 2.2 220/230V kW 11 500/690V kW 4 380/440V kW 11 500/690V kW 4 380/440V kW 6.5 5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 5 Single-phase AC23A 110V kW 15 Single-phase AC23A 110V kW 18.5		AC15		A	32
220/230V A 20 380/400V A 10 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 7.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 4 380/440V kW 4 380/440V kW 4 220/230V kW 4 380/440V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 18.5 Single-phase AC23A 110V kW 2.2		ACTS	110\/	۸	25
380/400V A 10 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 7.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 4 380/440V kW 6.5 110V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 Single-phase AC23A 110V kW 15 500/690V kW 18.5					
660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 7.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 4 380/440V kW 6.5 110V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 Single-phase AC23A 110V kW 15 500/690V kW 18.5 Single-phase AC23A 110V kW 2.2 2.2					
Rated operational power in AC Three-phase AC-3 220/230V kW 7.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 4 380/440V kW 4 380/440V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 Single-phase AC23A 500/690V kW 18.5 500/690V kW 18.5					
Three-phase AC-3 220/230V kW 7.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 15 500/690V kW 18.5 Single-phase AC23A 110V kW 2.2	Rated operational pov	ver in AC			
380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 15 500/690V kW 18.5 Single-phase AC23A 110V kW 2.2		Three-phase AC-3			
500/690V kW 11 Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 18.5 Single-phase AC23A 110V kW 2.2			220/230V	kW	7.5
Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 18.5 Single-phase AC23A 110V kW 2.2					
110V kW 2.2 220/230V kW 4 380/440V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 18.5 Single-phase AC23A 110V kW 2.2			500/690V	kW	11
220/230V kW 4 380/440V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 18.5 Single-phase AC23A 110V kW 2.2		Single-phase AC-3		1.147	
380/440V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 18.5 Single-phase AC23A 110V kW 2.2					
Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 18.5 Single-phase AC23A 110V kW 2.2					
220/230V kW 8 380/440V kW 15 500/690V kW 18.5 Single-phase AC23A 110V kW 2.2		Three-phase AC23A	30U/44UV	ĸvv	0.0
380/440V kW 15 500/690V kW 18.5 Single-phase AC23A 110V kW 2.2		The phase Auzon	220/230\/	kW	8
500/690V kW 18.5 Single-phase AC23A 110V kW 2.2					
Single-phase AC23A 110V kW 2.2					
110V kW 2.2		Single-phase AC23A			
220/230V kW 4				kW	2.2
			220/230V	kW	4

7GN3226U



		380/440V	kW	7.5
Rated operational c				
	DC21A			
		48V	А	32
		60V	А	32
		110V	А	6
		220V	А	0.9
	DC23A (poles in series)			
		24V	А	32 (1)
		48V	А	32 (2)
		60V	А	32 (3)
		110V	А	15 (3)
		220V	А	12 (4)
	DC13			
		24V	А	32
		48V	А	25
		60V	А	16
		110V	А	3
		220V	А	0.5
Power dissipation			W	1.5
Mechanical features	S			
Terminals screw				M4
Tightening torque for	or terminals max		Nm	1.2
Conductor size				
	AWG - Rigid cable			
		min	AWG	16
		Max	AWG	8
	AWG - Flexible cable			
		min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable			
		min	mm²	1.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable			
		min	mm²	1.5
		Max	mm²	6
Mechanical life			cycles	5x10 ^e
UL technical data				
Motor power for dire	ect-on-line control			
	for three-phase motor			
		120V	HP	5
		240V	HP	10
		480V	HP	15
		600V	HP	15
	for single-phase motor			
		120V	HP	2
		240V	HP	5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40

7GN3226U

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



max °C +70

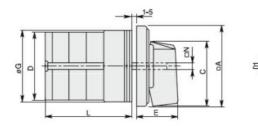
 Resistance & Protection

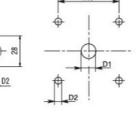
 Frontal IP degree

 Terminals IP degree

 IP00

Dimensions

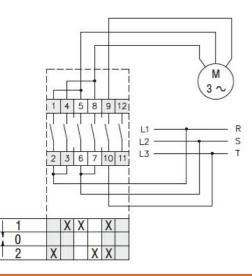




Standard drillings for 7GN125. Drillings on request for 4 screws fixing (4V version).

Series	Dimensions							L Number of elements													
Series	□A	C	ØD	ØD1	ØD2	Е	ØG	□K	□N	1	2	3	4	5	6	7	8	9	10	11	12
7GN12	48	39.5	39	12	5	26.5	38	36	6	36.1	45.8	55.5	65.2	74.9	84.6	94.3	104	113.7	123.4	133.1	142.8
7GN20	48	39.5	39	12	5	26.5	38	36	6	36.1	45.8	55.5	65.2	74.9	84.6	94.3	104	113.7	123.4	133.1	142.8
7GN25	48	39.5	43	12	5	26.5	38	36	6	40.5	54.1	67.7	81.3	94.9	108.5	122.1	135.7	147.3	162.9	176.5	190.1
7GN32	65	53	58	14	5	34.5	58.5	48	7	46.5	61.6	76.7	91.8	106.9	122	137.1	152.2	167.3	182.4	197.5	212.6
7GN40	65	53	58	14	5	34.5	58.5	48	7	46.5	61.6	76.7	91.8	106.9	122	137.1	152.2	167.3	182.4	197.5	212.6
7GN63	65	53	62	14	5	34.5	58.5	48	7	50.3	68.4	86.5	104.6	122.7	140.8	158.9	177	195.1	213.2	231.3	249.4
7GN125	90	70.5	86	16	6	41.5	84	68	9	67.3	96.4	125.5	154.6	183.7	220.3	249.4	278.5	307.6	336.7	365.8	394.9

Wiring diagrams



Certifications and compliance

Compliance	
	CSA C22.2 n° 14
	IEC/EN/BS 60947-1
	IEC/EN/BS 60947-3
	IEC/EN/BS 60947-5-1
	UL60947-4-1
Certificates	
	cCSAus
	EAC
	UL
ETIM classificatio	n

7GN3226U



ETIM 8.0

EC001029 -Selector switch, complete