



Product designation		Rotary cam
9		switches 7GN63
Product type designation General characteristics		/GIND3
Switching diagram		20 - Dahlander motor 2-speed reversing switch
N° of elements		6
Mounting form Contact characteristics		U65 - Front mounting with red/yellow handle padlockable in 0 and protection covers
Rated insulation voltage Ui		
IEC/EN UL/CSA	V	690 600
Rated impulse withstand voltage Uimp Conventional free air thermal current Ith	kV	6
IEC/EN UL/CSA	A A	63 60
Rated operational voltage	V	480
Rated operational impulse voltage	kV	4
Maximum fuse size for short-circuit protection In (gG)	_	
10kA	A	63
15kA 25kA	A	63
25KA 50kA	A A	63 63
63kA	A	63
Rated short time current lcw 1s	kA	1600
Conductivity	KA.	10/5 mA/V
Operational current le IEC/EN		10/3 1117/ 1
AC1/AC21A		
	Α	63
AC15		
110V	Α	32
220/230V	Α	25
380/400V	Α	15
660/690V	Α	4
Rated operational power in AC		
Three-phase AC-3 220/230V	kW	11
380/440V	kW	18.5
500/690V	kW	18.5
Single-phase AC-3		
110V	kW	3.7
220/230V	kW	6.5
380/440V	kW	11.5
Three-phase AC23A		
220/230V	kW	12.5
380/440V	kW	30
500/690V	kW	30



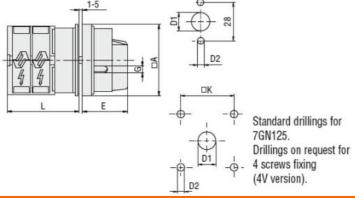


	Single-phase AC23A			
		110V	kW	3.7
		220/230V	kW	7.5
		380/440V	kW	12.5
Rated operational curre	ent in DC			
	DC21A			
		48V	Α	63
		60V	Α	50
		110V	Α	8
		220V	Α	1
	DC23A (poles in series)			
		24V	Α	50 (1)
		48V	Α	50 (2)
		60V	Α	50 (3)
		110V	Α	25 (3)
		220V	Α	15 (4)
	DC13			
	D010	24V	Α	63
		48V	A	40
		60V		
			A	28
-		110V	A	3.3
Power dissipation			W	3.4
Mechanical features				3.4E
Terminals screw				M5
Tightening torque for te	erminals max		Nm	2
Conductor size				
	AWG - Rigid cable			
		min	AWG	14
		Max	AWG	6
	AWG - Flexible cable			
		min	AWG	14
		Max	AWG	8
	Conductor size (IEC) - Flexible cable			
	,	min	mm²	2.5
		Max	mm²	10
	Conductor size (IEC) - Rigid cable			
	Talled (ILO) Tagle debit	min	mm²	2.5
		Max	mm²	16
Mechanical life		IVICA	cycles	5x10 ⁶
UL technical data			Cycles	3810
	on-line central			
Motor power for direct-	for three-phase motor			
	ior miee-onase moior			
	Ter amos priase motor	4001/	HР	7 5
	ioi unee phaee meter	120V	HP	7.5
	ioi unee phaee meter	240V	HP	15
		240V 480V	HP HP	15 25
		240V	HP	15
	for single-phase motor	240V 480V 600V	HP HP HP	15 25 25
		240V 480V 600V	HP HP HP	15 25 25 3
		240V 480V 600V	HP HP HP	15 25 25
Ambient conditions		240V 480V 600V	HP HP HP	15 25 25 3
Ambient conditions Temperature		240V 480V 600V	HP HP HP	15 25 25 3
		240V 480V 600V	HP HP HP	15 25 25 3
	for single-phase motor	240V 480V 600V	HP HP HP	15 25 25 3
	for single-phase motor	240V 480V 600V 120V 240V	HP HP HP HP	15 25 25 3 10



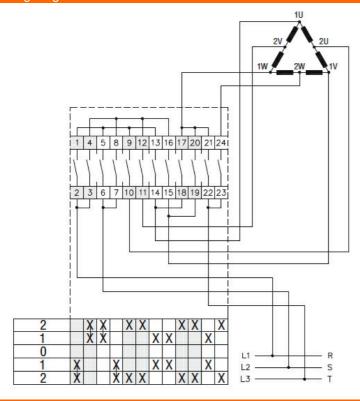


Dimensions



Carias	Dimensions					L				
Series	□A	D1	D2	Е	G	□K	1	2	3	12
7GN12	65	12	5	34.2	5	36	36.1	45.8	55.5	142.8
7GN20	65	12	5	34.2	5	36	36.1	45.8	55.5	142.8
7GN25	65	12	5	34.2	5	36	40.5	54.1	67.7	190.1
7GN32	65	14	5	38	6	48	46.5	61.6	76.7	212.6
7GN40	65	14	5	38	6	48	46.5	61.6	76.7	212.6
7GN63	65	14	5	38	6	48	50.3	68.4	86.5	249.4
7GN125	90	16	6	49	7	68	67.3	96.4	125.5	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 classification

ETIM 8.0

EC001029 -Selector switch, complete