

7GN1213U65 ROTARY CAM SWITCH 7GN SERIES, DAHLANDER MOTOR CONTROL SWITCH 1-0-2, 16A, FOR FRONT MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0 AND PROTECTION COVERS, FRONT PLATE 65X65MM

Droduct docimention				Rotary cam
Product designation				switches
Product type designat				7GN12
General characteristic	S			
Switching diagram				13 - Dahlander motor control switch 1-0-2
N° of elements				4
				U65 - Front
Mounting form				mounting with red/yellow handle padlockable in 0 and protection covers
Contact characteristics				
Rated insulation voltag	je Ul	IEC/EN UL/CSA	V V	690 600
Rated impulse withsta			kV	6
Conventional free air t	hermal current Ith			
		IEC/EN	A	16
		UL/CSA	A	15
Rated operational volt	-		V	480
Rated operational imp			kV	4
Maximum fuse size to	r short-circuit protection In (gG)			
		10kA	A	16
		15kA	A	10
Deted abort time our		25kA	A	10
Rated short time curre	ant ICW	1s	kA	200
Conductivity		15	ĸA	10/5 mA/V
Operational current le IEC/EN				10/3 IIIA/ V
operational current le	AC1/AC21A			
	AG II AGZIA		А	16
	AC15		7.	10
		110V	А	10
		220/230V	A	8
		380/400V	А	4
		660/690V	А	1.5
Rated operational pow	ver in AC			
	Three-phase AC-3			
		220/230V	kW	2.5
		380/440V	kW	4
		500/690V	kW	5.5
	Single-phase AC-3			
		110V	kW	0.8
		220/230V	kW	1.5
	Three-phase AC23A	380/440V	kW	2.2
	milee-phase AC23A	220/230V	kW	3
		220/230V 380/440V	kw kW	5 5.5
		500/690V	kW	7.5
	Single-phase AC23A	000/000	11.9.9	1.0
		110V	kW	0.8

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		220/230V	kW	1.7
		380/440V	kW	3
Rated operational curr	rent in DC			
	DC21A			
		48V	Α	12
		60V	А	12
		110V	А	4
		220V	A	0.6
		440V	Α	0.25
	DC23A (poles in series)			
		24V	A	10 (1)
		48V	Α	10 (2)
		60V	А	10 (3)
		110V	А	5 (3)
		220V	Α	5 (4)
	DC13		_	
		24V	A	12
		48V	A	10
		60V	A	8
		110V	A	1
		220V	A	0.4
		440V	Α	0.15
Power dissipation			W	0.8
Mechanical features				140
Terminals screw			Nime	M3
Tightening torque for t	terminais max		Nm	0.5
Conductor size				
	AWG - Rigid cable			00
		min	AWG	20
	AWG - Flexible cable	Max	AWG	12
	AWG - Flexible Cable	min	AWG	20
		min Max	AWG	20 14
	Conductor size (IEC) - Flexible cable	IVIdX	AWG	14
	Conductor Size (IEC) - Flexible cable	min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable	IVIdX	11111	2.0
	CONTRACTOR SIZE (IEC) - MIGIN CADIE	min	mm²	0.5
		Max	mm²	2.5
Mechanical life		IVIDA	cycles	3x10 ⁶
UL technical data			0,0103	
Wotor power for direct	t-on-line control			
Motor power for direct				
Notor power for direct	t-on-line control for three-phase motor	120V	HP	1.5
Motor power for direct		120V 240V	HP HP	1.5 3
Motor power for alrect	for three-phase motor	120V 240V	HP HP	1.5 3
Motor power for direct		240V	HP	3
Notor power for direct	for three-phase motor	240V 120V	HP HP	<u>3</u> 0.5
	for three-phase motor	240V	HP	3
Ambient conditions	for three-phase motor	240V 120V	HP HP	<u>3</u> 0.5
	for three-phase motor for single-phase motor	240V 120V	HP HP	<u>3</u> 0.5
Ambient conditions	for three-phase motor	240V 120V 240V	HP HP HP	3 0.5 1
Ambient conditions	for three-phase motor for single-phase motor	240V 120V	HP HP	<u>3</u> 0.5

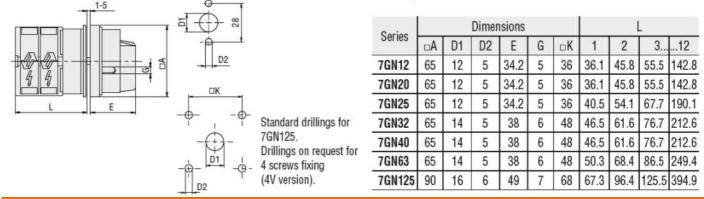
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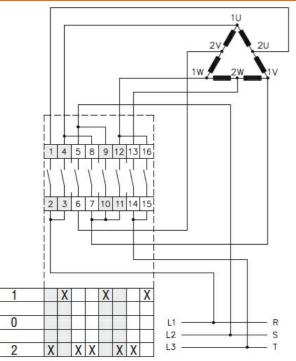


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	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00
Dimensions			



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
cCSAus
EAC
UL

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ETIM 8.0

EC001029 -Selector switch, complete