

7GN25135O48

ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2, 3 POLES 25A, MODULAR SERVICE COVER FOR 35MM DIN REAL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Product designation				Rotary cam
_				switches
Product type designati General characteristics				7GN25
Switching diagram				135 - Multi-step 0-1-2 3 poles
N° of elements				3
				O48 - Modular service cover for
Mounting form				35mm din rail
ge				mounting with black handle
Contact characteristics				Sider Hariaie
Rated insulation voltag	e Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstand voltage Uimp Conventional free air thermal current Ith			kV	6
Conventional free air th	nermal current ith	IEC/EN	Α	25
		UL/CSA	A	30
Rated operational volta	ane	OLIOGA		480
Rated operational impu			kV	4
	short-circuit protection In (gG)			
	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	10kA	Α	25
		15kA	Α	25
		25kA	Α	25
Rated short time curre	nt Icw			
0 1		1s	Α	400
Conductivity Operational current le	IFC/FN			10/5 mA/V
Operational current le	AC1/AC21A			
	A01/A021A		Α	25
	AC15			
		110V	Α	16
		220/230V	Α	12
		380/400V	Α	8
		660/690V	Α	2
Rated operational pow				
	Three-phase AC-3	000/000		5.5
		220/230V	kW	5.5
		380/440V 500/690V	kW kW	7.5 7.5
	Single-phase AC-3	300/030 V	KVV	7.5
	Chigle phase No o	110V	kW	1.5
		220/230V	kW	3
		380/440V	kW	5.5
	Three-phase AC23A			
		220/230V	kW	6.5
		380/440V	kW	11
		500/690V	kW	11
	Single-phase AC23A	4401	1.147	4.5
		110V	kW	1.5
		220/230V	kW	3.7



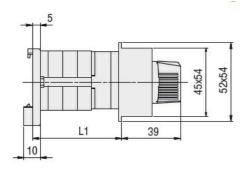
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		380/440V	kW	5.5
Rated operational curr	ent in DC			
	DC21A			
		48V	Α	25
		60V	Α	25
		110V	Α	4
		220V	Α	0.7
	DC23A (poles in series)			
		24V	Α	25 (1)
		48V	Α	25 (2)
		60V	Α	25 (3)
		110V	Α	12 (3)
		220V	Α	10 (4)
	DC13			
		24V	Α	25
		48V	Α	20
		60V	Α	16
		110V	Α	1.5
		220V	Α	0.4
Power dissipation			W	1.1
Mechanical features				
Terminals screw				M3.5
Tightening torque for to	erminals max		Nm	0.8
Conductor size	_			
	AWG - Rigid cable			
	, c	min	AWG	20
		Max	AWG	10
	AWG - Flexible cable			. •
	7000 Floxible sable	min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	Wax	71110	•-
	Conductor Sizo (IZO) Trioxible Sable	min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable	TTICAL		•
	Conductor Size (IEC) - Nigid Cable	min	mm²	0.5
	Conductor Size (IEC) - Nigid Cable	min Max	mm²	0.5 4
Machanical life	Conductor Size (IEO) - Mgid cable	min Max	mm²	4
Mechanical life	- Trigid cable			
UL technical data			mm²	4
	r-on-line control		mm²	4
UL technical data		Max	mm² cycles	4 5x10 ⁶
UL technical data	r-on-line control	Max 120V	mm² cycles	4 5x10 ⁶
UL technical data	r-on-line control	120V 240V	mm² cycles HP HP	3 5
UL technical data	r-on-line control	120V 240V 480V	mm² cycles HP HP HP	3 5 10
UL technical data	-on-line control for three-phase motor	120V 240V	mm² cycles HP HP	3 5
UL technical data	r-on-line control	120V 240V 480V 600V	mm² cycles HP HP HP HP	3 5 10 15
UL technical data	-on-line control for three-phase motor	120V 240V 480V 600V	mm² cycles HP HP HP HP	3 5 10 1.5
UL technical data Motor power for direct	-on-line control for three-phase motor	120V 240V 480V 600V	mm² cycles HP HP HP HP	3 5 10 15
UL technical data Motor power for direct	-on-line control for three-phase motor	120V 240V 480V 600V	mm² cycles HP HP HP HP	3 5 10 1.5
UL technical data Motor power for direct	for single-phase motor	120V 240V 480V 600V	mm² cycles HP HP HP HP	3 5 10 1.5
UL technical data Motor power for direct	-on-line control for three-phase motor	120V 240V 480V 600V 120V 240V	mm² cycles HP HP HP HP	3 5 10 15 1.5 3
UL technical data Motor power for direct	for single-phase motor	120V 240V 480V 600V 120V 240V	mm² cycles HP HP HP HP HP	4 5x10 ⁶ 3 5 10 15 1.5 3
UL technical data Motor power for direct	-on-line control for three-phase motor for single-phase motor Operating temperature	120V 240V 480V 600V 120V 240V	mm² cycles HP HP HP HP	3 5 10 15 1.5 3
UL technical data Motor power for direct	for single-phase motor	120V 240V 480V 600V 120V 240V	mm² cycles HP HP HP HP HP C°C	4 5x10 ⁶ 3 5 10 15 1.5 3
UL technical data Motor power for direct	-on-line control for three-phase motor for single-phase motor Operating temperature	120V 240V 480V 600V 120V 240V	mm² cycles HP HP HP HP HP	4 5x10 ⁶ 3 5 10 15 1.5 3



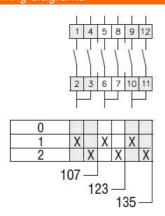
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	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00
Dimensions			



Series	L1			
	1	2	3	
7GN12	38.1	47.8	57.5	
7GN20	38.1	47.8	57.5	
7GN25	42.5	56.1	69.7	

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