

7GN2587O48 ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3-4, 2 POLES 25A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Draduct de sine stiers				Rotary cam
Product designation				switches
Product type designation				7GN25
General characteristics Switching diagram				87 - Multi-step 1-
N° of elements				2-3-4 2 poles
				4 O48 - Modular service cover for
Mounting form				35mm din rail mounting with black handle
Contact characteristics				
Rated insulation voltage Ui				
		IEC/EN	V	690
Deted impulse withstand valtage	Llinen	UL/CSA	V kV	600
Rated impulse withstand voltage Conventional free air thermal curr			ĸv	6
Conventional free all thermal curr	entitri	IEC/EN	А	25
		UL/CSA	A	30
Rated operational voltage		01,00,1	V	480
Rated operational impulse voltag	e		kV	4
Maximum fuse size for short-circu				
		10kA	А	25
		15kA	А	25
		25kA	Α	25
Rated short time current Icw				
		1s	kA	400
Conductivity				10/5 mA/V
Operational current le IEC/EN	24.4			
AC1/AC2	21A		А	25
AC15			A	20
A013		110V	А	16
		220/230V	A	12
		380/400V	A	8
		660/690V	А	2
Rated operational power in AC				
Three-ph	ase AC-3			
		220/230V	kW	5.5
		380/440V	kW	7.5
	10.0	500/690V	kW	7.5
Single-pl	nase AC-3	1101/		4 5
		110V 220/230V	kW kW	1.5 3
		380/440V	kW	5 5.5
Three-ph	ase AC23A	300/4407	K V V	0.0
		220/230V	kW	6.5
		380/440V	kW	11
		500/690V	kW	11
Single-pl	nase AC23A			
		110V	kW	1.5
		220/230V	kW	3.7
		380/440V	kW	5.5

7GN2587O48



7GN2587O48 ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3-4, 2 POLES 25A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Rated operational cu	urrent in DC			
	DC21A			
		48V	А	25
		60V	A	25
		110V	A	4
		220V	A	0.7
	DC23A (poles in series)	2201	~ ~	
	DOZOA (poles in series)	24V	А	25 (1)
		48V	A	25 (1)
		48V 60V		
			A	25 (3)
		110V	A	12 (3)
		220V	А	10 (4)
	DC13			
		24V	A	25
		48V	А	20
		60V	A	16
		110V	А	1.5
		220V	Α	0.4
Power dissipation			W	1.1
Mechanical features				
Terminals screw				M3.5
Tightening torque fo	r terminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
	Ū.	min	AWG	20
		Max	AWG	10
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	THOU	/	
		min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) Pigid cable	IVIAA	11111	4
	Conductor size (IEC) - Rigid cable	min	mm ²	0.5
		min Max	mm²	0.5
Maahaniaaliita		Max	mm²	4 5×106
Mechanical life			cycles	5x10 ⁶
UL technical data				
Motor power for dire				
	for three-phase motor			0
		120V	HP	3
		240V	HP	5
		480V	HP	10
		600V	HP	15
	for single-phase motor			
		120V	HP	1.5
		240V	HP	3
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25

7GN2587O48

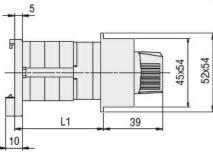
The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

7GN2587O48



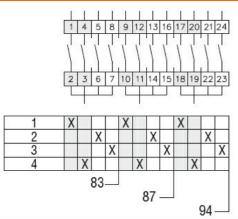
ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3-4, 2 POLES 25A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Resistance & Protection	
Frontal IP degree	IP40
Terminals IP degree	IP00
Dimensions	



Cariaa	L1		
Series	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

<u>م</u>