

Product designation				Rotary cam switches
Product type designation				GN12
General characteristic	S			5R
Switching diagram Contact characteristics				SR
Rated insulation voltage				
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstand voltage Uimp			kV	8
Conventional free air thermal current Ith				
		IEC/EN	А	125
		UL/CSA	А	130
Rated operational volt	age		V	690
Maximum fuse size for	short-circuit protection In (gG)			
		10kA	А	125
		25kA	А	100
		50kA	А	100
		63kA	Α	100
Rated short time curre	nt Icw			
		1s	Α	2100
Operational current le				
	AC1/AC21A			
			A	125
	AC15	4401/	•	40
		110V	A	40
		220/230V 380/400V	A A	28 15
		660/690V	A	5
Rated operational power in AC		000/0301	Λ	0
	Three-phase AC-3			
		220/230V	kW	18.5
		380/440V	kW	37
		500/690V	kW	33
	Single-phase AC-3			
		110V	kW	5
		220/230V	kW	11
		380/440V	kW	15
	Three-phase AC23A			
		220/230V	kW	30
		380/440V	kW	45
	<u></u>	500/690V	kW	37
	Single-phase AC23A	4401/	1.3.47	r
		110V 220/230V	kW kW	5 11
		380/440V	kW	15
Rated operational curr	ent in DC	300/4401	N V V	10
	DC21A			
		48V	А	125
		48V 60V	A	80
		110V	A	10
		220V	A	1.2
	DC23A (poles in series)			

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and 7GN125R193U0540 functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



		24V	A	125 (1)
		48V	A	125 (2)
		60V	A	125 (3)
		110V	А	50 (3)
		220V	А	20 (4)
	DC13			
		24V	А	125
		48V	А	100
		60V	А	50
		110V	А	4
Mechanical features				
Terminals screw				M2X5
Tightening torque for t	erminals max		Nm	2
Conductor size				
	AWG - Rigid cable			
	Ū.	min	AWG	14
		Max	AWG	1/0
	AWG - Flexible cable			
		min	AWG	14
		Max	AWG	1/0
	Conductor size (IEC) - Flexible cable	Max	/0	170
		min	mm²	2.5
	Conductor size (IEC) - Rigid cable	111111	111111	2.5
		in the	·····2	0.5
		min	mm²	2.5
		Max	mm²	50
Mechanical life			cycles	1x10⁰
UL technical data				
Motor power for direct				
	for three-phase motor			
		600V	HP	40
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°Č	+70
Resistance & Protecti	on	max	Ŭ	
Frontal IP degree				IP40
Terminals IP degree				IP00
ETIM classification				
				E0004000
				EC001029 -
ETIM 8.0				Selector switch, complete
				complete