

Product designation				Rotary cam switches	
Product type designation				GN25	
<b>General characteristics</b>					
Switching diagram				15	
<b>Contact characteristics</b>					
Rated insulation voltage $U_i$	IEC/EN	V	690		
	UL/CSA	V	600		
Rated impulse withstand voltage $U_{imp}$			kV	6	
Conventional free air thermal current $I_{th}$	IEC/EN	A	25		
	UL/CSA	A	30		
Rated operational voltage			V	480	
Maximum fuse size for short-circuit protection $I_n$ (gG)	10kA	A	25		
	25kA	A	25		
Rated short time current $I_{cw}$			1s	A	
				400	
Operational current $I_e$ IEC/EN	AC1/AC21A				
			A	25	
	AC15				
			110V	A	16
			220/230V	A	12
			380/400V	A	8
		660/690V	A	2	
Rated operational power in AC	Three-phase AC-3				
			220/230V	kW	5.5
			500/690V	kW	7.5
	Single-phase AC-3				
			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				
		110V	kW	1.5	
		220/230V	kW	3.7	
		380/440V	kW	5.5	
Rated operational current in DC	DC21A				
			48V	A	25
			60V	A	25
			110V	A	4
			220V	A	0.7
	DC23A (poles in series)				
			24V	A	25 (1)
			48V	A	25 (2)
			60V	A	25 (3)

	110V	A	12 (3)
	220V	A	10 (4)
DC13	24V	A	25
	48V	A	20
	60V	A	16
	110V	A	1.5
	220V	A	0.4

**Mechanical features**

Terminals screw M3.5

Tightening torque for terminals max Nm 0.8

Conductor size

AWG - Rigid cable	min	AWG	20
	Max	AWG	10

AWG - Flexible cable	min	AWG	20
	Max	AWG	12

Conductor size (IEC) - Flexible cable	min	mm <sup>2</sup>	0.5
	Max	mm <sup>2</sup>	4

Conductor size (IEC) - Rigid cable	min	mm <sup>2</sup>	0.5
	Max	mm <sup>2</sup>	4

Mechanical life cycles 5x10<sup>6</sup>

**UL technical data**

Motor power for direct-on-line control  
for three-phase motor 480V HP 10

**Ambient conditions**

Temperature	Operating temperature		
	min	°C	-25
	max	°C	+55
	Storage temperature		
	min	°C	-40
	max	°C	+70

**Resistance & Protection**

Frontal IP degree IP40

Terminals IP degree IP00

**ETIM classification**

ETIM 8.0 EC001029 - Selector switch, complete