

Product designation				Rotary cam switches
Product type designation				GN32
<b>General characteristics</b>				
Switching diagram				10
N° of elements				2
<b>Contact characteristics</b>				
Rated insulation voltage Ui	IEC/EN	V	690	
	UL/CSA	V	600	
Rated impulse withstand voltage Uimp			kV	6
Conventional free air thermal current Ith	IEC/EN	A	32	
	UL/CSA	A	40	
Rated operational voltage			V	480
Maximum fuse size for short-circuit protection In (gG)	10kA	A	32	
	25kA	A	32	
	50kA	A	32	
Rated short time current Icw			1s	A
				800
Operational current Ie IEC/EN	AC1/AC21A			A
	AC15			32
Rated operational power in AC	Three-phase AC-3			
	220/230V	kW	7.5	
	380/440V	kW	11	
	500/690V	kW	11	
	Single-phase AC-3			
110V	kW	2.2		
220/230V	kW	4		
380/440V	kW	6.5		
Three-phase AC23A				
220/230V	kW	8		
380/440V	kW	15		
500/690V	kW	18.5		
Single-phase AC23A				
110V	kW	2.2		
220/230V	kW	4		
380/440V	kW	7.5		
Rated operational current in DC	DC21A			
	48V	A	32	
	60V	A	32	
	110V	A	6	
	220V	A	0.9	
DC23A (poles in series)				

24V	A	32 (1)
48V	A	32 (2)
60V	A	32 (3)
110V	A	15 (3)
220V	A	12 (4)

DC13

24V	A	32
48V	A	25
60V	A	16
110V	A	3
220V	A	0.5

**Mechanical features**

Terminals screw M4

Tightening torque for terminals max Nm 1.2

Conductor size

AWG - Rigid cable

min	AWG	16
Max	AWG	8

AWG - Flexible cable

min	AWG	16
Max	AWG	10

Conductor size (IEC) - Flexible cable

min	mm <sup>2</sup>	1.5
Max	mm <sup>2</sup>	4

Conductor size (IEC) - Rigid cable

min	mm <sup>2</sup>	1.5
Max	mm <sup>2</sup>	6

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

**UL technical data**

Motor power for direct-on-line control

for three-phase motor

480V	HP	15
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**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 EC001105 - Off-load switch