

Product designation				Rotary cam switches
Product type designation				GN32
<b>General characteristics</b>				
Switching diagram				13
N° of elements				4
Options				IEC IP65 front plate
<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	32	
	UL/CSA	A	40	
Rated operational voltage			V	480
Maximum fuse size for short-circuit protection $I_n$ (gG)	10kA	A	32	
	25kA	A	32	
	50kA	A	32	
Rated short time current $I_{cw}$			1s	A
				800
Operational current $I_e$ IEC/EN	AC1/AC21A			
			A	32
AC15	110V		A	25
	220/230V		A	20
	380/400V		A	10
	660/690V		A	2
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>
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### 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		EC001029 - Selector switch, complete
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