

Product designation				Rotary cam switches
Product type designation				GN32
General characteristics				
Switching diagram				11
N° of elements				3
Options				Enlarged plate
Contact characteristics				
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 ²		1.5
	Max	mm ²		4
Conductor size (IEC) - Rigid cable				
	min	mm ²		1.5
	Max	mm ²		6
Mechanical life			cycles	5x10 ⁶

UL technical data

Motor power for direct-on-line control for three-phase motor				
	480V	HP		15

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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