

Product designation				Rotary cam switches
Product type designation				GN40
<b>General characteristics</b>				
Switching diagram				92
N° of elements				2
Options				Enlarged 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	40	
	UL/CSA	A	50	
Rated operational voltage		V	480	
Maximum fuse size for short-circuit protection $I_n$ (gG)	25kA	A	40	
	50kA	A	40	
	63kA	A	40	
Rated short time current $I_{cw}$	60s	A	1000	
Operational current $I_e$ IEC/EN				
AC1/AC21A		A	40	
AC15	110V	A	25	
	220/230V	A	22	
	380/400V	A	12	
	660/690V	A	2	
Rated operational power in AC				
Three-phase AC-3	220/230V	kW	8	
	380/440V	kW	15	
	500/690V	kW	15	
Single-phase AC-3	110V	kW	3	
	220/230V	kW	6.5	
	380/440V	kW	8	
Three-phase AC23A	220/230V	kW	8	
	380/440V	kW	18.5	
	500/690V	kW	22	
Single-phase AC23A	110V	kW	3	
	220/230V	kW	6	
	380/440V	kW	11	
Rated operational current in DC				
DC21A	48V	A	40	
	60V	A	40	
	110V	A	6	
	220V	A	0.9	

DC23A (poles in series)			
	24V	A	40 (1)
	48V	A	40 (2)
	60V	A	40 (3)
	110V	A	20 (3)
	220V	A	12 (4)
DC13			
	24V	A	40
	48V	A	32
	60V	A	16
	110V	A	3

### 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>	6
Conductor size (IEC) - Rigid cable			
	min	mm <sup>2</sup>	1.5
	Max	mm <sup>2</sup>	10
Mechanical life		cycles	5x10 <sup>6</sup>

### UL technical data

Motor power for direct-on-line control for three-phase motor	480V	HP	20
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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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