

Product designation				Rotary cam switches
Product type designation				GN40
General characteristics				
Switching diagram				10
N° of elements				2
Options				IEC IP65 front 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	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 ²	1.5
	Max	mm ²	6
Conductor size (IEC) - Rigid cable	min	mm ²	1.5
	Max	mm ²	10
Mechanical life		cycles	5x10 ⁶

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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