

Product designation				Rotary cam switches
Product type designation				GN63
<b>General characteristics</b>				
Switching diagram				11
N° of elements				3
<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	UL/CSA	A	60	
			V	480
Rated operational voltage	10kA	A	63	
	25kA	A	63	
	50kA	A	63	
Rated short time current Icw			1s	A
				1600
Operational current Ie IEC/EN	AC1/AC21A			A
				63
AC15	110V		A	32
	220/230V		A	25
	380/400V		A	15
	660/690V		A	4
Rated operational power in AC	Three-phase AC-3			
	220/230V		kW	11
	380/440V		kW	18.5
	500/690V		kW	18.5
	Single-phase AC-3			
	110V		kW	3.7
	220/230V		kW	6.5
	380/440V		kW	11.5
	Three-phase AC23A			
	220/230V		kW	12.5
	380/440V		kW	30
	500/690V		kW	30
Single-phase AC23A	110V		kW	3.7
	220/230V		kW	7.5
	380/440V		kW	12.5
Rated operational current in DC	DC21A			
	48V		A	63
	60V		A	50
	110V		A	8
	220V		A	1
	DC23A (poles in series)			
	24V		A	50 (1)

48V	A	50 (2)
60V	A	50 (3)
110V	A	25 (3)
220V	A	15 (4)

DC13

24V	A	63
48V	A	40
60V	A	28
110V	A	3.3

**Mechanical features**

Terminals screw	M5
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Tightening torque for terminals max	Nm	2
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Conductor size

AWG - Rigid cable

min	AWG	14
Max	AWG	6

AWG - Flexible cable

min	AWG	14
Max	AWG	8

Conductor size (IEC) - Flexible cable

min	mm <sup>2</sup>	2.5
Max	mm <sup>2</sup>	10

Conductor size (IEC) - Rigid cable

min	mm <sup>2</sup>	2.5
Max	mm <sup>2</sup>	16

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	25
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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
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Terminals IP degree	IP00
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**ETIM classification**

ETIM 8.0

EC001029 -  
Selector switch,  
complete