

Product designation				Rotary cam switches
Product type designation				GN32
General characteristics				
Switching diagram				11
N° of elements				3
Contact characteristics				
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	IEC/EN	A	32	
	UL/CSA	A	40	
Rated operational voltage			V	480
Maximum fuse size for short-circuit protection In (gG)	10kA	A	32	
	25kA	A	32	
	50kA	A	32	
Rated short time current Icw			1s	A
				800
Operational current Ie 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 5x10⁶

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

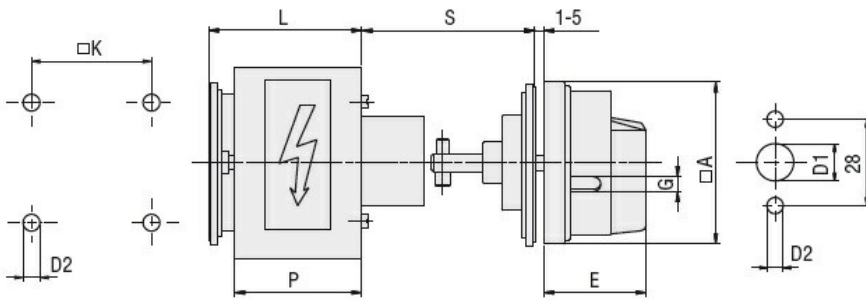
min	°C	-40
max	°C	+70

Resistance & Protection

Frontal IP degree IP40

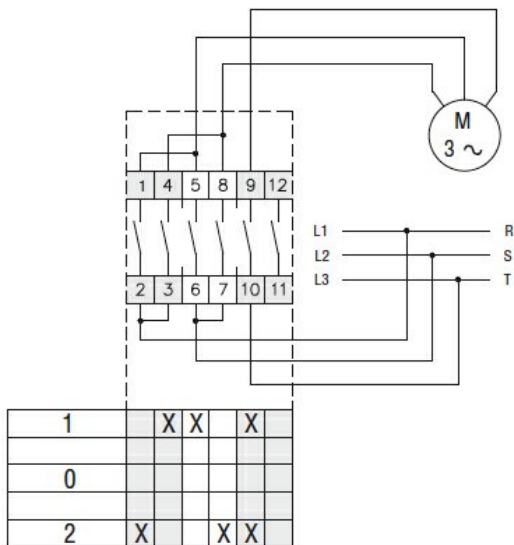
Terminals IP degree IP00

Dimensions



Series	Dimensions								
	□A	D1	D2	E	G	□K	S	P	L
7GN12	65	12	5	34.2	5	36	45-55	43	51.3
7GN20	65	12	5	34.2	5	36	45-55	43	51.3
7GN25	65	12	5	34.2	5	36	45-55	51	59.6
7GN32	65	14	5	38	6	48	45-55	55	68.7
7GN40	65	14	5	38	6	48	45-55	55	68.7

Wiring diagrams



ETIM classification

ETIM 8.0

EC001029 -
Selector switch,
complete