



Product designation

Product type designation

General characteristics

Switching diagram

N° of elements

Mounting form

Rotary cam  
switches  
7GN25

03 - ON/OFF  
spring return  
switch 3 poles

U - Front  
mounting with  
black handle

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	25
UL/CSA	A	30

Rated operational voltage

V 480

Rated operational impulse voltage

kV 4

Maximum fuse size for short-circuit protection  $I_n$  (gG)

10kA	A	25
15kA	A	25
25kA	A	25

Rated short time current  $I_{cw}$

1s kA 400

Conductivity

10/5 mA/V

Operational current  $I_e$  IEC/EN

AC1/AC21A

A 25

AC15

110V	A	16
220/230V	A	12
380/400V	A	8
660/690V	A	2

Rated operational power in AC

Three-phase AC-3

220/230V	kW	5.5
380/440V	kW	7.5
500/690V	kW	7.5

Single-phase AC-3

110V	kW	1.5
220/230V	kW	3
380/440V	kW	5.5

Three-phase AC23A

		220/230V	kW	6.5
		380/440V	kW	11
		500/690V	kW	11
Single-phase AC23A				
		110V	kW	1.5
		220/230V	kW	3.7
		380/440V	kW	5.5
Rated operational current in DC				
DC21A				
		48V	A	25
		60V	A	25
		110V	A	4
		220V	A	0.7
DC23A (poles in series)				
		24V	A	25 (1)
		48V	A	25 (2)
		60V	A	25 (3)
		110V	A	12 (3)
		220V	A	10 (4)
DC13				
		24V	A	25
		48V	A	20
		60V	A	16
		110V	A	1.5
		220V	A	0.4
Power dissipation			W	1.1
Mechanical features				
Terminals screw				M3.5
Tightening torque for terminals max			Nm	0.8
Conductor size				
AWG - Rigid cable				
		min	AWG	20
		Max	AWG	10
AWG - Flexible cable				
		min	AWG	20
		Max	AWG	12
Conductor size (IEC) - Flexible cable				
		min	mm <sup>2</sup>	0.5
		Max	mm <sup>2</sup>	4
Conductor size (IEC) - Rigid cable				
		min	mm <sup>2</sup>	0.5
		Max	mm <sup>2</sup>	4
Mechanical life			cycles	5x10 <sup>6</sup>
UL technical data				
Motor power for direct-on-line control				
for three-phase motor				
		120V	HP	3
		240V	HP	5
		480V	HP	10
		600V	HP	15
for single-phase motor				
		120V	HP	1.5
		240V	HP	3
Ambient conditions				

## Temperature

### Operating temperature

min	°C	-25
max	°C	+55

### Storage temperature

min	°C	-40
max	°C	+70

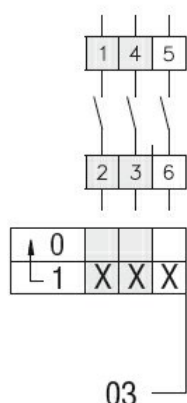
## Resistance & Protection

Frontal IP degree IP40

Terminals IP degree IP00

## Dimensions

## Wiring diagrams



## Certifications and compliance

### Compliance

CSA C22.2 n° 14

IEC/EN/BS 60947-1

IEC/EN/BS 60947-3

IEC/EN/BS 60947-5-1

UL60947-4-1

### Certificates

cCSAus

EAC

UL

## ETIM classification

ETIM 8.0

EC001029 -  
Selector switch,  
complete