

TECHNICAL SPECIFICATION

All-purpose limit switch – series CSA-xxx

Description:

The all-purpose limit switches are devices used in automatic systems as a control element. They are used for setting of gearing limits. They are mounted on transport lines, conveyors and other linear progressive motion machines. They feature a vibration-resistant metal shell.

Technical data:

Dielectric strength: 1000V AC
Insulating resistance: 100mΩ

• Electrical endurance (number of cycles): 500 000 with active load

• Mechanical endurance (number of cycles): 1 000 000

• Gearing speed: 5mm/s to 0.5 m/s

• Rated voltage: 230V

• Rated current: up to 10A

• IP code: IP66

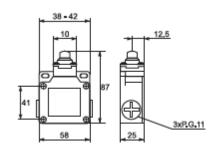
• Cable input: cable glandPG11

• Section of power supply conductor: up to 2mm2

• Fastening strength of terminals: 6-8kgf/cm

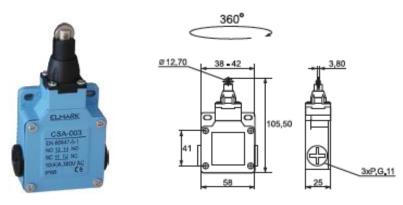
Variants and dimensions:



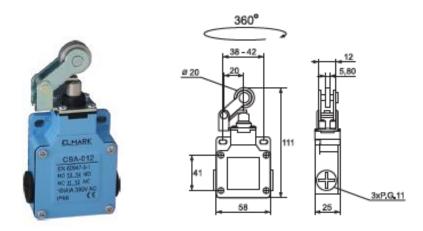




| Type | Type of the head | Power of starting (g) | Power of release (g) | Switching position | General movement | Rated current | Packing / Box (pcs) | Catalogue number |
|---------|---------------------|--------------------------------|-------------------------------|--------------------|---------------------|----------------------------|---------------------------|---------------------|
| CSA-001 | metal cylinder | 800 | 400 | 2.0mm | 5.8mm | 10A-active 4A-inductive | 10 / 90 | 46A001 |



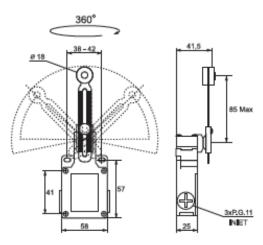
| Туре | Type of the head | Power of starting (g) | Power of release (g) | Switch- ing position | General move- ment | Rated current | Packing / Box (pcs) | Catalogue number |
|---------|--------------------------------|-----------------------------|-------------------------------|----------------------------|--------------------------|----------------------------|---------------------------|---------------------|
| CSA-003 | Cylinder with metal roll | 800 | 400 | 2.00mm | 5.8mm | 10A-active 4A-inductive | 10 / 90 | 46A003 |





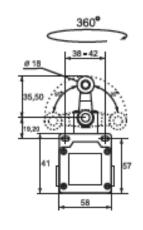
| Туре | Type of the head | Power of starting (g) | Power of release (g) | Switch- ing position | General move- ment | Rated current | Packing / Box (pcs) | Catalogue number |
|---------|----------------------------------|-----------------------------|-------------------------------|----------------------------|--------------------------|----------------------------|---------------------------|---------------------|
| CSA-012 | Horizontal with metal roll | 800 | 400 | 2.0mm | 5.8mm | 10A-active 4A-inductive | 10 / 90 | 46A012 |

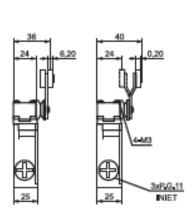




| Туре | Type of the head | Power of starting (g) | Power of release (g) | Switch- ing position | General move- ment | Rated current | Packing / Box (pcs) | Catalogue number |
|---------|----------------------------------|-----------------------------|-------------------------------|----------------------------|--------------------------|----------------------------|---------------------------|---------------------|
| CSA-031 | Adjustable lever with metal roll | 400 | 100 | 22.5° | 95° | 10A-active 4A-inductive | 10 / 80 | 46A031 |

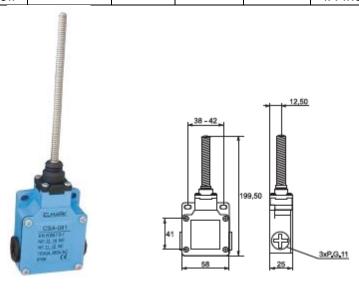








| Туре | Type of the head | Power of starting (g) | Power of release (g) | Switch- ing position | General move- ment | Rated current | Packing / Box (pcs) | Catalogue number |
|---------|--------------------------|-----------------------------|-------------------------------|----------------------------|--------------------------|----------------------------|---------------------------|---------------------|
| CSA-021 | lever with metal roll | 150 | 50 | 22.5° | 95° | 10A-active 4A-inductive | 10 / 80 | 46A |



| Туре | Type of the head | Power of starting (g) | Power of release (g) | Switch- ing position | General move- ment | Rated current | Packing / Box (pcs) | Catalogue number |
|---------|---------------------|-----------------------|-------------------------------|----------------------------|--------------------------|----------------------------|---------------------------|---------------------|
| CSA-081 | Spring lever | 150 | 50 | 22.5° | 50mm | 10A-active 4A-inductive | 10 / 80 | 46A081 |

Standards

EN 60947-1

EN 60947-5-1

