

ClickLine



ClickLine – Rubber profiles with click foot



BIRCHER REGLOMAT

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Description

Safety edges are used to protect dangerous closing edges at automatic doors and gates, shutters, vehicle doors or in the machinery industry. Depending on the force and speed of the moving part a suitable rubber profile has to be selected. Bircher Reglomat safety components are developed and certified to meet today's European Safety Standards.

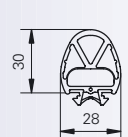
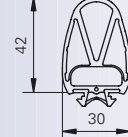
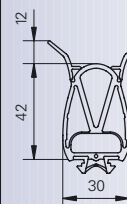
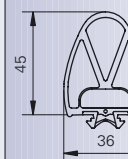
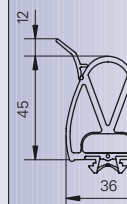
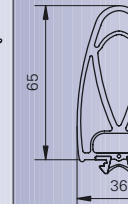
ClickLine profiles allow for easiest and fastest mounting and therefore save time. With the special foot construction an installation «from the top» is possible – just click and go! The difficult sliding-in procedure is a thing from the past. Based on the approved safety strip ENT-20, Bircher Reglomat AG offers a very interesting new solution.

General information (Contact strip assembled)

| | |
|-----------------------------------|---|
| Number of switching cycles | > 10'000 (with test piece Ø 80 mm at same actuation place) |
| Switching capacity | 1 A / 42 VA DC |
| Transition resistance | 0.5 Ohm/m |
| Insulating strength | 1500 V AC |
| Connecting cable | Duplex insulated cable, PVC, Ø 4.7 mm, Strands 2 x 0.34 mm ² , Bending radius 10 mm static |

Technical Data

Rubber Profiles / Safety Edges

| Rubber Profiles | Type | EPE025/029A0V0 | EPE030/042A0V0 | EPE030/042J2V0 | EPE036/045A0V0 | EPE036/045J2V0 | EPE036/065A0V0 |
|---|---|---|---|--|---|---|------------------|
| | Foot | click | click | click | click | click | click |
| Lips | none | none | double ¹⁾ | none | double ¹⁾ | none | none |
| Material | EPDM | EPDM | EPDM | EPDM | EPDM | EPDM | EPDM |
| Alu-Rail | AP-5 | AP-5 | AP-5 | AP-8 | AP-8 | AP-8 | AP-8 |
| Dimensions (mesures in mm, tolerances acc. to DIN ISO 3302-1, Kl. E2) |  |  |  |  |  |  | |
| Packaging | Box with 50 m | Box with 50 m | Box with 50 m | Box with 25 m | Box with 25 m | Box with 25 m | Box with 25 m |
| Safety Edges (completely assembled) | Type | ELE025/029A0V0 | ELE030/042A0V0 | ELE030/042J2V0 | ELE036/045A0V0 | ELE036/045J2V0 | ELE036/065A0V0 |
| | Temperature Range ²⁾ | -20° C to +55° C | -20° C to +55° C | -20° C to +55° C | -20° C to +55° C | -20° C to +55° C | -20° C to +55° C |
| | Activating Distance ³⁾ | 4 | 4 | 11 | 8 | 15 | 10 |
| | Activating Force N ³⁾ | 60 | 60 | 90 | 60 | 90 | 110 |
| | Over run distance mm ³⁾ | | | | | | |
| | 250 N | 10 | 18 | 13 | 21 | 17 | 31 |
| | 400 N | 12 | 20 | 16 | 23 | 20 | 35 |
| | Switching Angle ³⁾ | 2 x 45° | 2 x 45° | 2 x 45° | 2 x 45° | 2 x 45° | 2 x 45° |
| | Bending Angle | | | | | | |
| | A | 30° | 30° | 30° | 30° | 30° | 30° |
| | B | 20° | 10° | 10° | 10° | 10° | 10° |
| | C | 10° | 10° | 10° | 10° | 10° | 10° |
| | Min. Bending Radius | | | | | | |
| | D | 750 mm | 750 mm | 750 mm | 750 mm | 750 mm | 750 mm |
| E | 300 mm | 400 mm | 400 mm | 400 mm | 400 mm | 500 mm | |
| Max. Length m | 12 | 12 | 12 | 12 | 12 | 12 | |
| Max. Force N ³⁾ | 500 | 500 | 500 | 500 | 500 | 500 | |
| Protection Class | IP65 | IP65 | IP65 | IP65 | IP65 | IP65 | |
| Dead zone mm ³⁾ | 20 | 20 | 20 | 20 | 20 | 20 | |
| Inactive Range mm | 40 | 40 | 40 | 40 | 40 | 40 | |
| Conformity with standard | EN 12978 EN 1760-2 | EN 12978 EN 1760-2 | EN 12978 EN 1760-2 | EN 12978 EN 1760-2 | EN 12978 EN 1760-2 | EN 12978 EN 1760-2 | |

¹⁾ If required, lips can be torn-off ²⁾ EN 1760-2 -10° C to +55° C ³⁾ Values at 23° C, with test piece Ø 80 mm, measuring point C3 per EN 1760-2

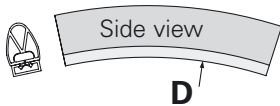
Aluminium-Rail

| Type | Description | Packaging |
|------------|-------------------|-------------------|
| AP-5, AP-8 | Aluminium-profile | open, Rail at 6 m |

| Dimensions in mm | | Tolerance values of customer Aluminium-profile |
|------------------|--|--|
| AP-5 | | |
| AP-8 | | |

Bending angle / Bending radius

Values see table left










Order information components (for self assembling)

| Type | Description | Packaging | |
|----------------------|---------------|-----------------|--|
| Contact Strip | | | |
| ENT-20/25 | Contact Strip | Roll with 25 m | |
| ENT-20/50 | Contact Strip | Roll with 50 m | |
| ENT-20/100 | Contact Strip | Roll with 100 m | |

| End pieces | | | |
|-------------------|--|------------------|--|
| ENEH-0 | End piece without termination resistor | Bag with 10 pcs. | |
| ENEH-1 | End piece with resistor 1.2 kOhm | Bag with 10 pcs. | |
| ENEH-8 | End piece with resistor 8.2 kOhm | Bag with 10 pcs. | |
| ENEH-D | End piece with diode | Bag with 10 pcs. | |
| ENEH-K05 | End piece with cable 0.5 m | Bag with 10 pcs. | |
| ENEH-K2 | End piece with cable 2 m | Bag with 10 pcs. | |
| ENEH-K4 | End piece with cable 4 m | Bag with 10 pcs. | |
| ENEH-K7 | End piece with cable 7 m | Bag with 10 pcs. | |
| ENEH-K10 | End piece with cable 10 m | Bag with 10 pcs. | |

Order information components (for self assembling)

| Type | Description | Packaging | |
|----------------------------|---|--|---|
| Accessories / Tools | | | |
| EN-DS | Sealing plug | Bag with 10 pcs. |  |
| EN-DL | Sealing plug with hole for cable outlet | Bag with 10 pcs. |  |
| ENA-10 | Sealing tape for rubber profiles | Roll with 10 m |  |
| ES-BD | Sealing compound | Box with strips (sufficient for at least 50 edges) |  |
| ES-KLEBER | Adhesive glue for plugs and ENA | Tube with 20 g |  |
| ES-PRESS | Crimping tool for end pieces (to crimp end pieces onto the contact strip) | Box with 1 pce. |  |
| GUMMI-SCHERE | Rubber cutter (to cut rubber profiles to length) | Box with 1 pce. |  |

Order Information Rubber Profiles

| Type | Description |
|----------------|---|
| EPE025/029A0V0 | Rubber Profile, Width 25 mm, Height 29 mm, EPDM |
| EPE030/042A0V0 | Rubber Profile, Width 30 mm, Height 42 mm, EPDM |
| EPE030/042J2V0 | Rubber Profile, Width 30 mm, Height 42 mm, EPDM, 2 lips |
| EPE036/045A0V0 | Rubber Profile, Width 36 mm, Height 45 mm, EPDM |
| EPE036/045J2V0 | Rubber Profile, Width 36 mm, Height 45 mm, EPDM, 2 lips |
| EPE036/065A0V0 | Rubber Profile, Width 36 mm, Height 65 mm, EPDM |

Order Information Safety Edges

ELE025/029A0V0 / 1 / 2500 / 2

| Type | End piece / Alu-Rail | Length of edge | Length of cable |
|----------------|-----------------------------------|-----------------------------|--------------------------------|
| ELE025/029A0V0 | 1 End piece 1: with cable | Length of safety edge in mm | Length of cable in full meters |
| ELE030/042A0V0 | End piece 2: termination resistor | | |
| ELE030/042J2V0 | | | |
| ELE036/045A0V0 | Safety edge with alu-rail | | |
| ELE036/045J2V0 | 2 End piece 1: with cable | Length of edge in mm | Length of cable in full meters |
| ELE036/065A0V0 | End piece 2: with cable | | |
| | Safety edge with alu-rail | | |
| | 3 End piece 1: with cable | | |
| | End piece 2: open | | |
| | Safety edge with alu-rail | | |
| | 4 End piece 1: with cable | | |
| | End piece 2: termination resistor | | |
| | Safety edge without alu-rail | | |
| | 5 End piece 1: with cable | | |
| | End piece 2: with cable | | |
| | Safety edge without alu-rail | | |
| | 6 End piece 1: with cable | | |
| | End piece 2: open | | |
| | Safety edge without alu-rail | | |

Further specifications (optional)

- Termination resistor (1.2 kOhm, 8.2 kOhm, Termination diode)
- Position of cable outlet (standard is to the side)
- Specifications of mitre joint
- Application specific data divergent to standard

Your contact

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