

CoverLine

Electrical safety edge
with ENT-20 contact strip

Description

ELE040/055A0J0

Electrical safety edge with ENT-20 contact strip

General data

No. of cycles	> 10'000 (with test piece \varnothing 80 mm [3.15 in] at the same point)
Switching capacity	1 A / 42 V ADC
Contact resistance	0.5 ohm / m (0.5 ohm / 3 ft)
Insulating strength	1500 V AC
Connection cable	Twin-jacket PVC, \varnothing 4.7 mm (0.19 in), wires 2 x 0.34 mm ² (AWG 22), min. bending radius 10 mm (0.4 in), non-detachable. The cable must not be subjected to repetitive movements. Flexible cables on request.

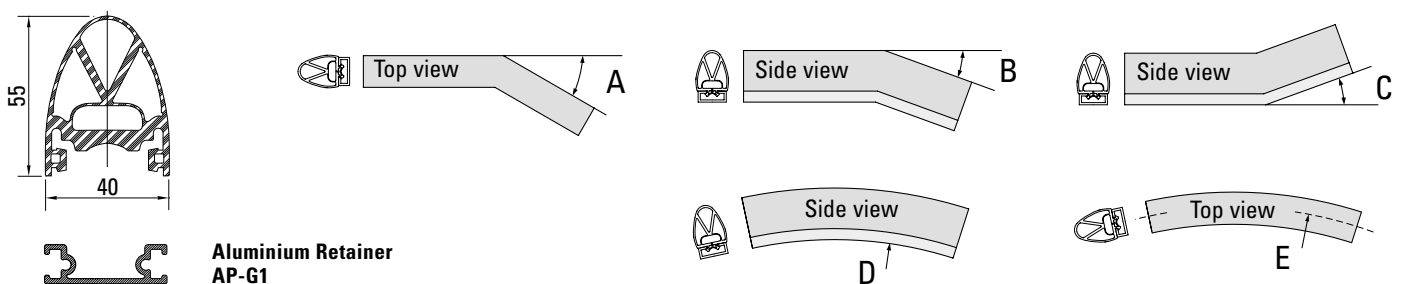
Technical data

Rubber	
Foot	Clicks into the side of the AP-G1 aluminium retainer
Sealing lip	None
Material	EPDM
Aluminium Retainer	AP-G1
Packaging	Box with 25 m (82 ft) length (rubber profile only)

Safety edges	
Temperature range ¹⁾	-20°C to +55°C (-4° F to 130° F)
Actuation Distance ²⁾	9 mm (0.35 in)
Actuation Force ²⁾	100 N (22 lbf)
Overtravel ²⁾	
at 250 N	12 mm (0.47 in)
at 400 N	16 mm (0.63 in)
Switching angle ²⁾	2 x 45°
Bending angle	A 30° / B 0° / C 0°
Min. bending radius	D 1000 mm / E 400 mm (D 40 in / E 16 in)
Max. length	12 m (40 ft)
Max. applicable force ²⁾	500 N (112 lbf)
Protection class	IP65
Totzone ²⁾	20 mm (0.8 in)
Non-active endzone ²⁾	40 mm (1.6 in)
Installation	Please refer to the installation instructions for recommended practices
Standards conformity	EN 12978

¹⁾ EN 1760-2: -10°C to +55°C (14°F to 130°F) ²⁾ Values at 23°C (73°F), with test piece \varnothing 80 mm (3.15 in), measuring point C3 acc. to EN 1760-2

Dimensions / bending angles / bending radii



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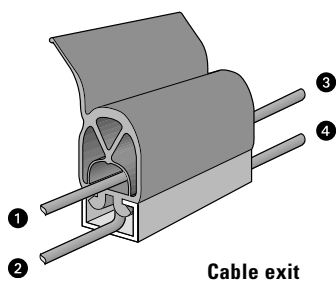
Ordering information (example)

ELE040/055A0J0 / 1 / 2500 / 2

<p>Type ELE040/055A0J0</p>	<p>End piece / aluminium</p> <ol style="list-style-type: none"> 1 End piece 1: with cable End piece 2: 8K2 resistor Safety edge with aluminium retainer 2 End piece 1: with cable End piece 2: with cable Safety edge with aluminium retainer 3 End piece 1: with cable End piece 2: special Safety edge with aluminium retainer 4 End piece 1: with cable End piece 2: 8K2 resistor Safety edge without aluminium retainer 5 End piece 1: with cable End piece 2: with cable Safety edge without aluminium retainer 6 End piece 1: with cable End piece 2: special Safety edge without aluminium retainer 	<p>Length Length of safety edge in mm</p>	<p>Cable length End piece cable length in whole meters</p>
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Other data (optional):

- Terminating resistor (standard: 8.2 kohm)
- With or without end cap (standard: with cap)
- Position of cable exit, optionally 1–4



Caution:
The standard cable must not be used in applications with repetitive movements. Flexible cables on request.

Your contact

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Note
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