

# CoverLine

Electrical safety edge  
with ENT-20 contact strip

## Description

**ELE040/055A0J0**

Electrical safety edge with ENT-20 contact strip

## General data

<b>No. of cycles</b>	> 10'000 (with test piece $\varnothing$ 80 mm [3.15 in] at the same point)
<b>Switching capacity</b>	1 A / 42 V ADC
<b>Contact resistance</b>	0.5 ohm / m (0.5 ohm / 3 ft)
<b>Insulating strength</b>	1500 V AC
<b>Connection cable</b>	Twin-jacket PVC, $\varnothing$ 4.7 mm (0.19 in), wires 2 x 0.34 mm <sup>2</sup> (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.

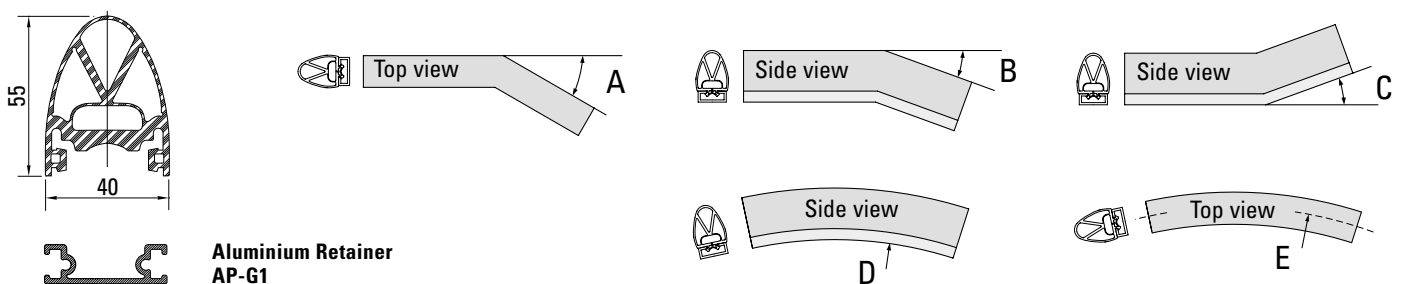
## Technical data

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

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

<sup>1)</sup> EN 1760-2: -10°C to +55°C (14°F to 130°F) <sup>2)</sup> 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



# CoverLine

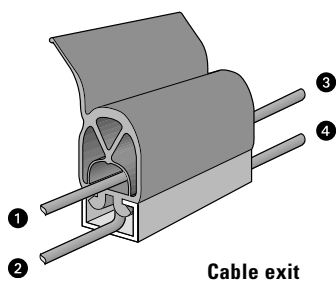
**Ordering information (example)**

**ELE040/055A0J0 / 1 / 2500 / 2**

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