

10/2023

AP9 and AP10 Surface-mounted junction boxes

Sustainable choice



Our factory in Porvoo is a net-zero site, utilizing 100% renewable energy. The low carbon footprint of the production along with short logistics chains make AP9 and AP10 boxes a more sustainable choice.

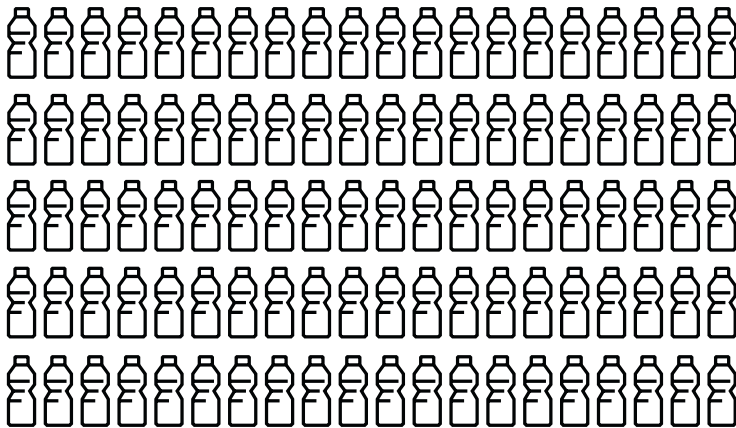


Using recycled plastic to save water

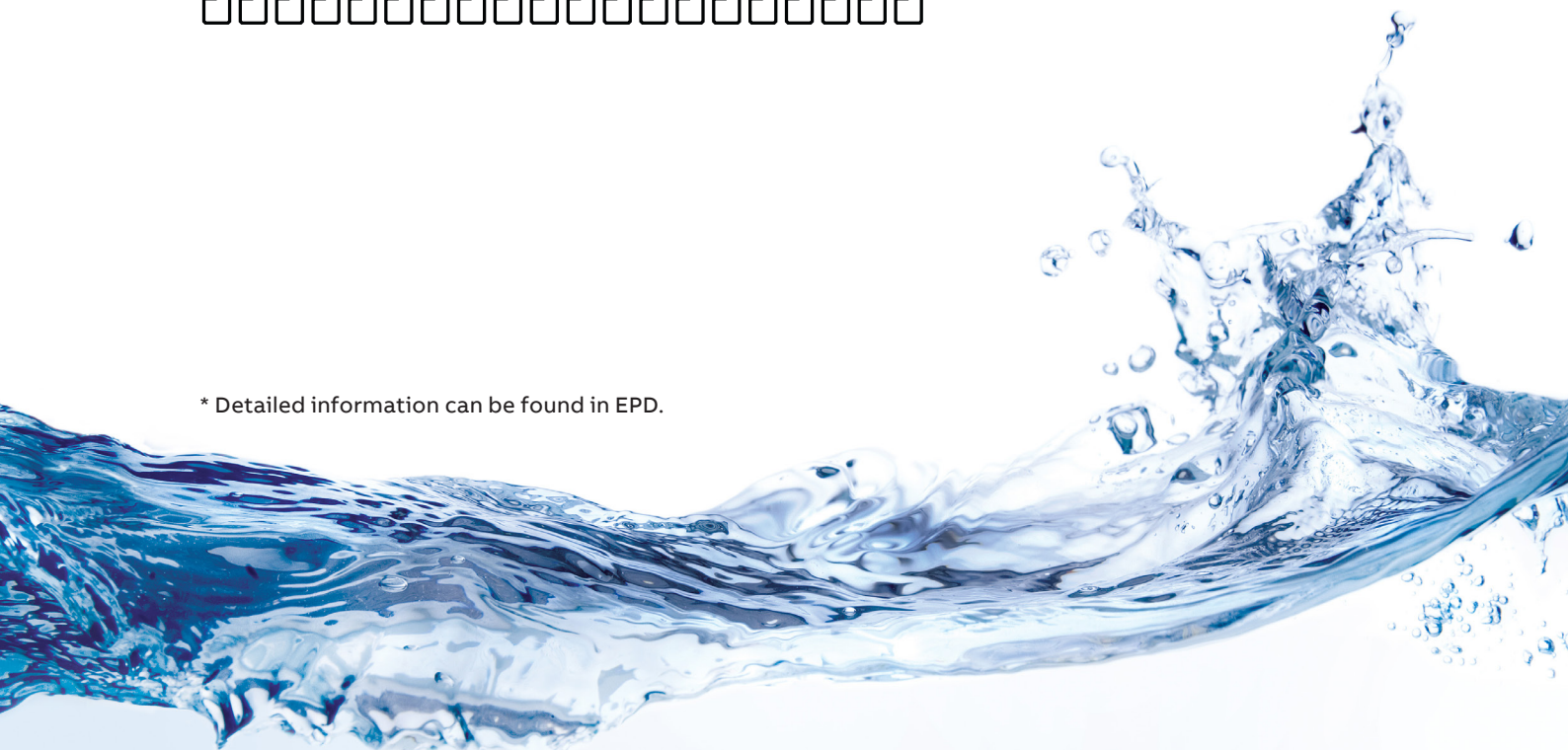
We are now introducing colored AP9, AP10 and AP45 boxes. Boxes are produced using recycled material,* which reduces carbon footprint and saves natural resources, especially water.



By using recycled plastic we can save **90** litres of water per box (AP9) and lower the carbon footprint by **40** %.



* Detailed information can be found in EPD.



- 01 AP9/G - grey
- 02 AP9M - black
- 03 AP9V - green
- 04 AP9R - red
- 05 AP10/G - grey
- 06 AP10M - black



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ABB helps customers to make environmentally friendly choices. Type III Environmental Product Declarations (EPD) are published for AP9 and AP10 boxes for full transparency to environmental impacts across the entire product lifecycle.

Additionally, AP9 and AP10 junction boxes are certified with ABB EcoSolutions™ label, which guarantees that the product is designed and produced to follow strict circularity guidelines set by ABB. Our own Eco label helps us in our journey towards more sustainable products.

To help preserve the Earth's resources for future generations, ABB takes a company-wide approach to circularity. We aim to innovate towards new circular business models by cutting waste, increasing recyclability and reusability, and making our products more durable. We work closely with customers and suppliers to embed circularity across the value chain.

More information:
<https://go.abb/eco-solutions>



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Order information



Junction box 86 x 86 mm, IP65

The square junction box AP9 (2.5 mm², 500 V, IP65) is equipped with 12 membrane cable entries (Ø17 mm) in the sides, and two (Ø19 mm) in the bottom. Cables are easy to connect by simply inserting the stripped ends through the inlets. The box locks by snapping and can be opened by inserting a screwdriver into the opening slots - no screws are needed. The box can also be sealed. The box can be furnished with the strain-reliefs AS9.10, AS9, AS9.1 and AS9.3. Fits Ø6-15.5 mm cable. VDE-approved. Mounting temperature is -25... +60 °C. Made of halogen-free material (IEC/61249-2-21).

Type	Colour	EAN	Description	Package
AP9		6410016125095	Surface-mounted junction box, IP65, 86 x 86 mm, white	5/50
AP9/G		6410016125088	Surface-mounted junction box IP65, 86 x 86 mm, grey	5/50
AP9M		6418677329906	Surface-mounted junction box, IP65, 86 x 86 mm, black	5/50
AP9V		6438199003177	Surface-mounted junction box, IP65, 86 x 86 mm, green	5/50
AP9R		6438199003184	Surface-mounted junction box, IP65, 86 x 86 mm, red	5/50



Junction box 104 x 104 mm, IP65

The square junction box AP10 (6.0 mm², 500 V, IP65) is equipped with 14 membrane cable entries (Ø19 mm), three on each sides, and two in the bottom. Cables are easy to connect by simply inserting the stripped ends through the inlets. The box locks by snapping and can be opened by inserting a screwdriver into the opening slots - no screws are needed. The box can also be sealed. The box can be furnished with the strain-reliefs AS9.10, AS9, AS9.1 and AS9.3. Mounting temperature is -25... +60 °C. Made of halogen-free material (IEC/61249-2-21)

Type	Colour	EAN	Description	Package
AP10		6410016125101	Surface-mounted junction box, IP65, 104 x 104 mm, white	5/30
AP10/G		6418677307287	Surface-mounted junction box, IP65, 104 x 104 mm, grey	5/30
AP10M		6438199008158	Surface-mounted junction box, IP65, 104 x 104 mm, black	5/30