

ENSTO

Junction box E90

FPT1010PP46

Code	FPT1010PP46
GTIN	6438100180782
Name	Junction box E90 Ensto Vulcano 100 x 100 mm, PP, 4 x 1,5-6 mm ² , E90
Description	Fire protection junction boxes are designed and manufactured to maintain functionality for 30-90 minutes in a case of fire.
Vendor	Ensto Building Systems Finland Oy



Technical specification

Certificates

Standards:	EN 60670-22:2006, EN 60670-1:2005, EN 60947-7-1:2009, DIN 4102-12
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Colors

Color:	Orange
Color code:	RAL2003

Dimensions

Conductor cross-section:	1,5-6 mm ²
Length:	50 mm
Width:	100 mm
Height:	100 mm
Size:	100 x 100 x 53.5 mm
Weight:	0.3035 kg

Electrical values

Nominal current A:	41 A
Nominal insulation voltage:	750 V

Features

Screw head:	Slothead
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Material

Base:	Polypropylene
Cover:	Polypropylene
Cover screws:	Polycarbonate
Gasket:	Polyurethane

Others

Content:	Enclosure base, cover, cover screw, cover line, fastening plate, screw anchors for wall/ceiling mounting, terminal rail, terminal rail mounting screws, ceramic terminals, PE terminal(s), rubber grommets
ETIM Class:	EC002600

Ratings

Fire resistance class:	E30-E90
Degree of protection:	IP65

Temperatures

Ambient temperature :	-25 °C...+40 °C, +35°C (24 h)
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ETIM Technical specification

etim

Max. conductor cross section:	6 mm ²
Equipped with:	Support rail
Shape:	Square
Mounting method:	Wall-/ceiling mounting
Mounting in the soil:	No
Mounting under water:	No
For tube diameter:	25 mm
Inlet from the rear:	Yes
Length:	100 mm
Width:	100 mm
Depth:	53.5 mm
Tackable:	No
Number of inlets:	10
Type of housing feed-through:	Seal membrane
Material:	Plastic
Halogen free:	Yes
Surface protection:	Untreated
Colour:	Orange
Degree of protection (IP):	IP65
Cover model:	Blind cover
Transparent cover:	No
Cover attachment:	Screwed
Castable:	No
Casting compound included:	No

Sealable:	Yes
Rated insulation voltage Ui:	750 V
Circuit integrity:	E90
With screening:	No
Weatherproof:	No
Working temperature:	-25 ... 40 °C
Explosion-tested version:	No
For Ex-zone gas:	None
For Ex-Zone dust:	None

Packaging

Pallet package

Unit:	pcs
Package size:	704
Depth:	1200 mm
Width:	800 mm
Height:	1126 mm

Default package

Unit:	pcs
Package size:	8
Depth:	513 mm
Width:	149 mm
Height:	122 mm
Weight:	2.642 kg
Volume:	9.325314 l