OBO BETTERMANN

All the T series junction boxes are UV-resistant. They are made of a thermoplastic polypropylene plastic with plug-in seals made of ethylene vinyl acetate (EVA). This plastic is soft, which means that it is malleable. This allows installation of cables through the 10 x M25 seals, or the seals can be cut with a knife at the pre-marked points, in order to create an insertion opening for cables or pipes. Alternatively, instead of seals, cable glands can be inserted through the openings and be countered internally with a locknut.
The junction boxes can be mounted on mounting plates in the openings on the floor using steel bolts 3.5 x 9.5.
Clear internal dimensions: 136x102x57 mm
Cover with labelling panel and lead-sealed.

CE | 10 | 10 mm² | M25 | UV RESISTANT | IP 66 | 500 V | IK 07 T | Fluor Chlor Brom HALOGENFREE | 650° | KEMA KEUR | DVE

| **PP** | Polypropylene |

Product additional text for information	Standard version: flame-resistant, testing temperature 650 °C. F version: highly flame-resistant, testing temperature 960 °C.
Product additional text 2	Clear internal dimensions: 136x102x57 mm
Product additional text 3	Protection rating IP66; Protection rating IK code IK07.

Master data

Item No.	2007077
Type	T 100
Description 1	Junction box
Description 2	with entries
Dimension	150x116x67
Colour	Light grey
RAL number	7.035,00
Material	Polypropylene
Material symbol	PP
Smallest sales unit	1,00 pcs
Weight	16,27 kg/100 pcs.

Technical specifications
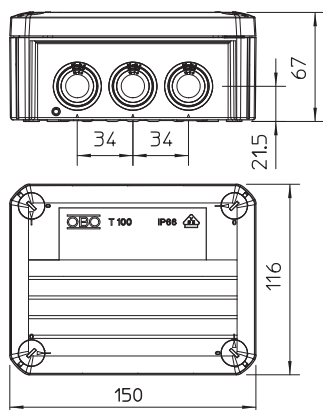
Length	150,00 mm
Width	116,00 mm
Height	67,00 mm
Clear internal dimensions	136x102x57 mm
Dimension LxWxH	150x116x67 mm
Dimension	150x116x67 mm
Expandable	☑
No. of entries	10,00
Type of entry	Cable
Type of entry	Plug-in seal
Type of housing penetration	Cuttable stepped membrane
Version	Standard
Appendix document	634451 (tserie.pdf); 634124 (harte_typen.pdf)
Measured insulation voltage Vi	500,00 V
Equipment	Without
Cover	Not transparent
Cover fastening	Screwed
Entries	10 x M25
Entry from rear	☑

2

Technical specifications
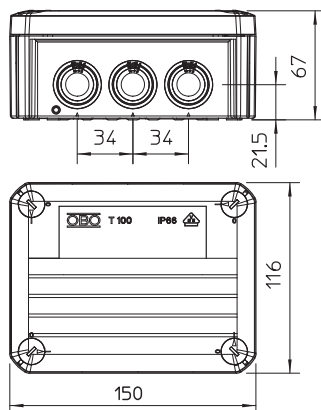
Explosion-tested version	☒
Flame resistant	flame resistant to VDE 0471/DIN 695 Part 2-1, test temperature 650° C
Shape	Rectangular
Function maintenance (ETIM)	Without
For Ex zone	Without
For Ex zone gas	Without
For Ex zone dust	Without
Glass-fibre reinforced	☒
Halogen-free	☑
With screening	☒
with lid	With four lid quick-release locks
With cover	☑
Installation type	Wall/ceiling mounting
Mounting type	Wall/ceiling mounting
Nominal cross section	10,00 mm²
Nominal voltage	500,00 V
Protection rating	IP66
Protection rating	IP66
Protection rating IK code	IK07.
Sealable	☑
max. permitted ambient temperature	-5,00 - 60,00 °C
Transparent lid	☒
Weatherproof	☒