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Deep Networks Group

DATA SHEET
DE-STD · SN-BG · Rev. 2026

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OUTDOOR ENCLOSURES

SN-BG Compact Series

Outdoor Fibre-Optic Enclosure, IP54



Compact Series is a range of single-wall steel outdoor enclosures designed for the installation, connection and protection of fiber-optic equipment. Each enclosure is equipped with a splice tray and a bracket for mounting an interchangeable panel for 8 fiber-optic adapters. The interchangeable panel allows the configuration to be selected according to the type of fiber-optic adapters used. The enclosure protects installed equipment against unauthorised access and adverse weather conditions and is suitable for wall or pole mounting. Finished with a durable outdoor-grade powder coating in RAL 7035.

AT A GLANCE

Series	**Compact Series**
Models	**SN-BG-330, SN-BG-400**
External dimensions	**300 x 330 x 120 / 300 x 400 x 150 mm (W x H x D)**
Material	**Steel, fully welded**
Colour	**RAL 7035**
Mounting	**Wall or pole**

NUMBERED DETAILS IN THE PHOTO

1. **Quarter-Turn Lock**
   The door is secured by a quarter-turn lock; a quarter turn of the insert engages or releases it.
2. **90° Door Opening**
   The door opens to about 90 degrees for full access to the tray and panel.
3. **Door Gasket**
   A gasket runs the full perimeter of the door, sealing the enclosure to IP54.
4. **PG 13.5 Cable Entries**
   Four PG 13.5 cable entries in the base, holes 20 millimetres in diameter, fitted with glands.
5. **Fully Welded Body**
   High structural rigidity

1 Key figures

Construction

Single-Wall Steel

Mounting

Wall / Pole

Protection

IP54

Adapter positions

8

2 Key features

IP54 Protection	Sealed against dust and splashing water for outdoor service
Single-Wall Steel Construction	Fully welded steel body with a quarter-turn lock
Fiber-Optic Application	For the installation, connection and protection of fiber-optic equipment
Splice Tray Mounting	Each enclosure ships with a splice tray
Interchangeable Adapter Panel	Panel mounts on a bracket and is chosen to match the adapter type
8 Adapter Positions	The interchangeable panel holds up to 8 fiber-optic adapters
Wall or Pole Mounting	Welded mounting ears for a wall; a bracket is supplied for a pole
Grounding	Grounding wire between the door and the body

TYPICAL APPLICATIONS

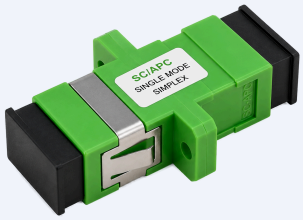
- FTTx / FTTH access points
- Outdoor distribution and cross-connect
- Pole-mounted fibre termination

- Building entry point

WHAT'S IN THE BOX

- Fully welded enclosure body
- Splice tray
- Interchangeable 8-adapter panel
- Pole-mount bracket
- Grounding wire

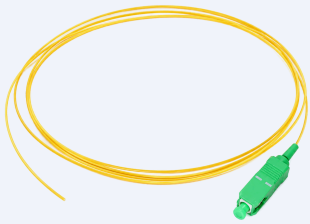
COMPATIBLE ACCESSORIES



Adapter



Patchcord



Pigtail

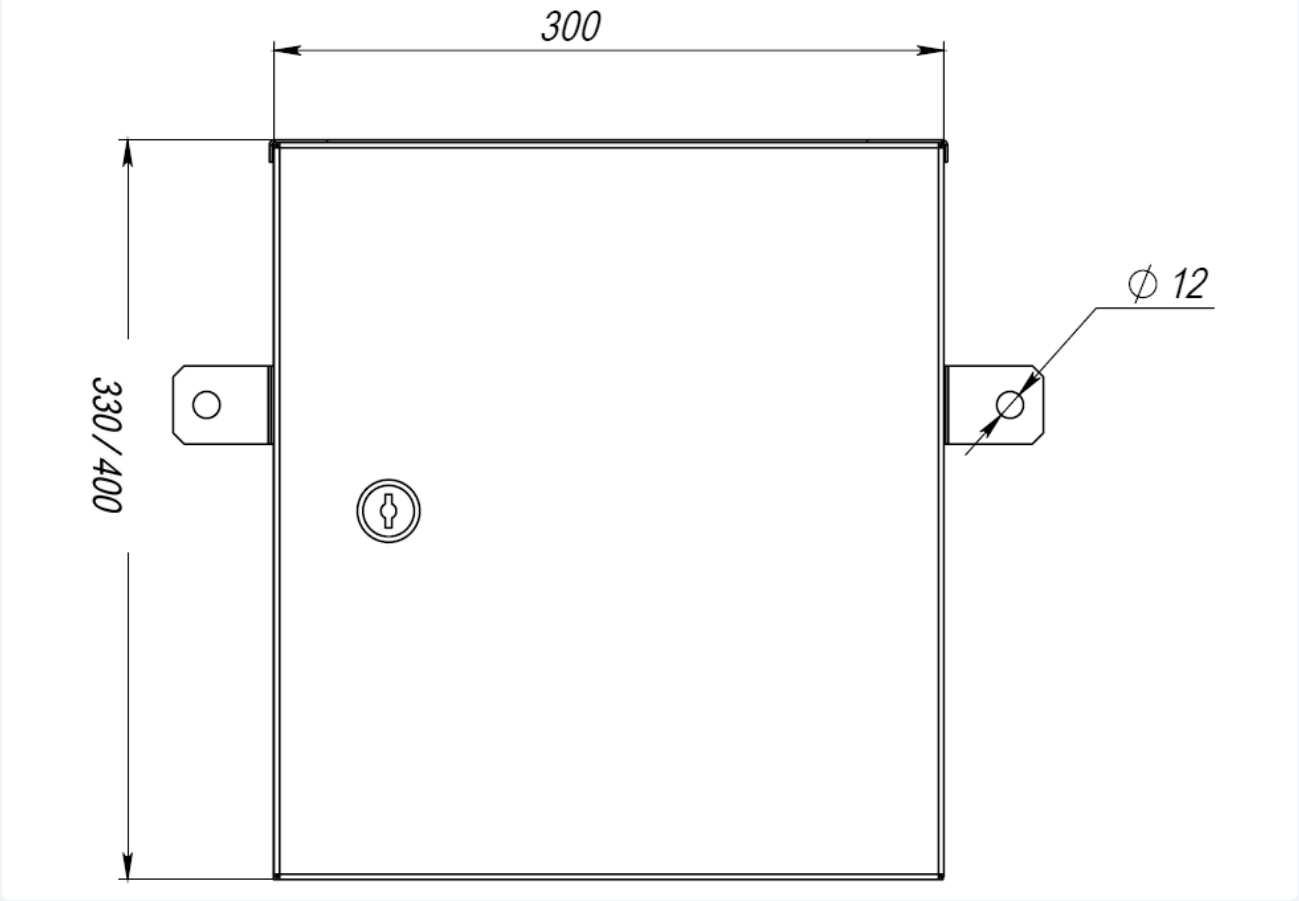
3 Size and configuration matrix

Rows list the two Compact Series models. Columns give external width, height and depth, the number of cable entries, and net weight.

Model	Width (mm)	Height (mm)	Depth (mm)	Cable entries	Net weight (kg)
SN-BG-330	**300** mm	**330** mm	**120** mm	**4 x PG 13.5**	4.7 kg
SN-BG-400	**300** mm	**400** mm	**150** mm	**4 x PG 13.5**	5.6 kg

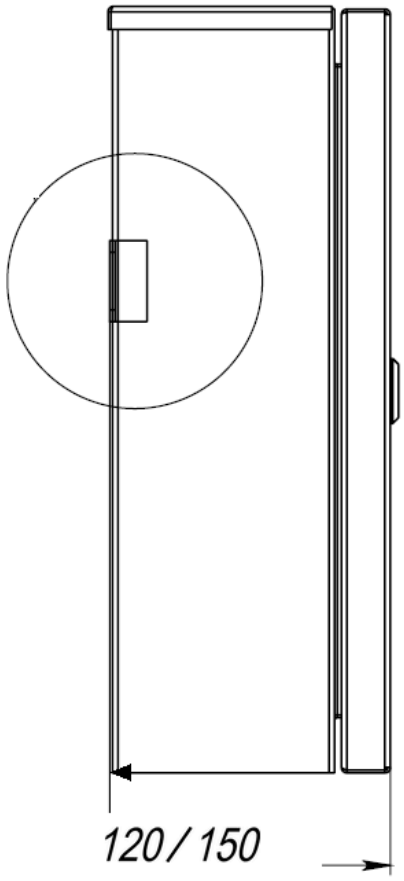
The hole diameter for each cable entry is 20 mm, fitted with a PG 13.5 gland. Both models have 4 entries in the base. Weights are for the empty enclosure.

4 Technical drawings



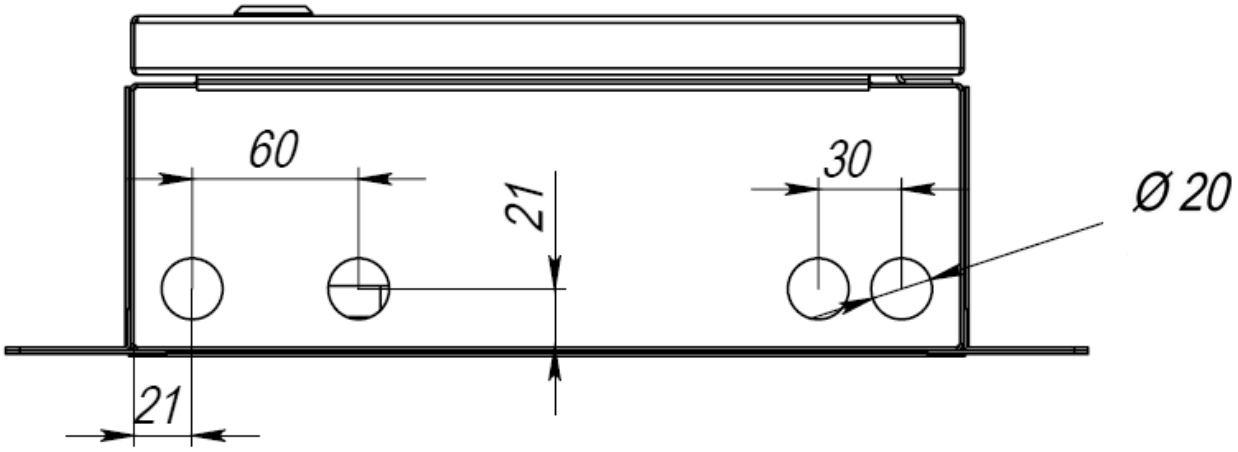
FRONT VIEW

Front elevation. Overall width 300 mm. Height marked 330 / 400 mm: 330 mm for SN-BG-330, 400 mm for SN-BG-400. A welded mounting ear on each side carries a hole 12 mm in diameter for wall fixing. The quarter-turn lock is centred on the door.



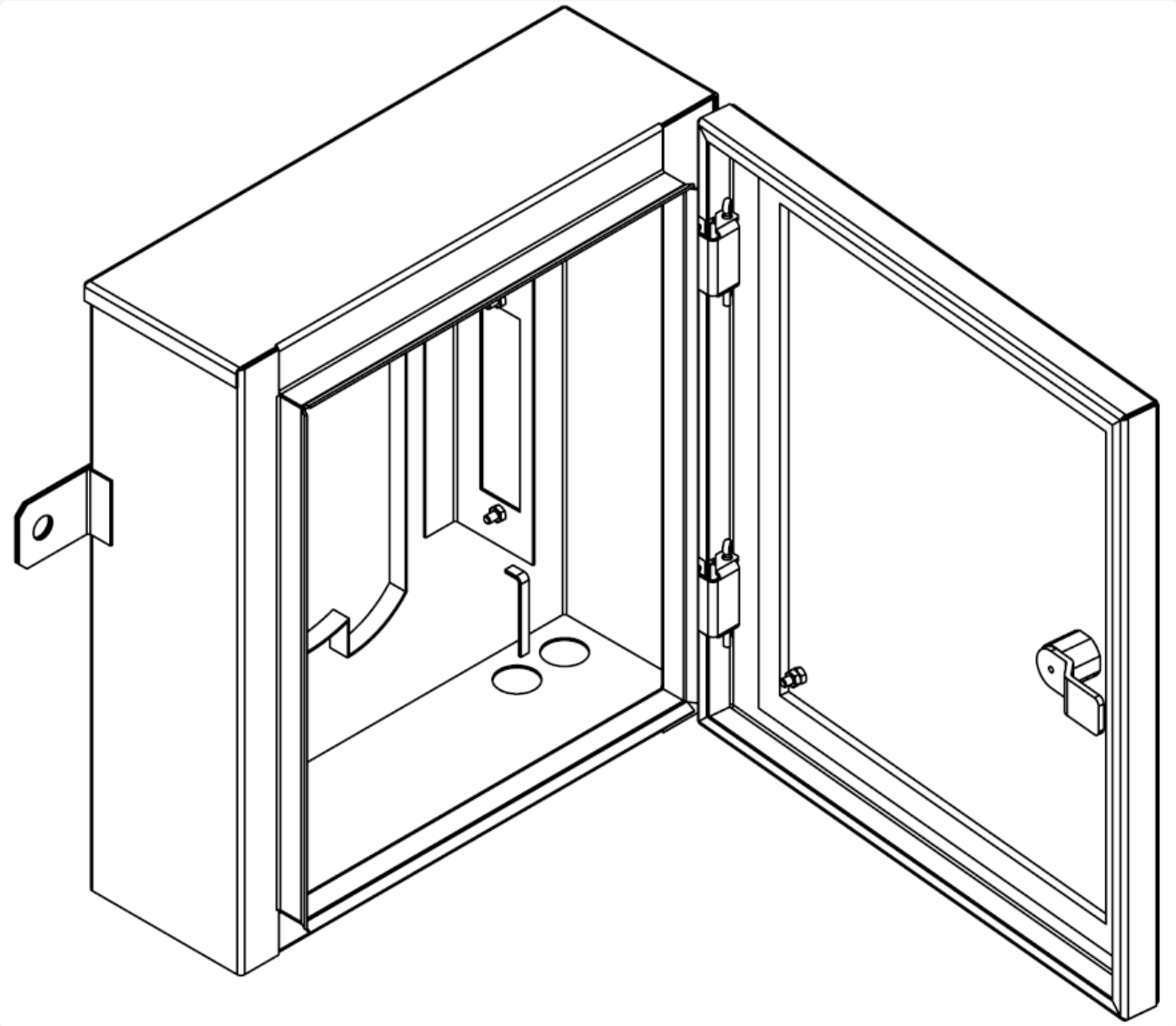
SIDE VIEW

Side elevation. Depth marked 120 / 150 mm: 120 mm for SN-BG-330, 150 mm for SN-BG-400. The detail circle shows the door gasket at the closing edge.



BOTTOM VIEW

Underside of the enclosure. Four cable-entry holes, 20 mm in diameter each, fitted with PG 13.5 glands. Two 21 mm offsets locate the holes from the base edges; centre spacing 60 mm and 30 mm as marked. The same layout applies to both models.



GENERAL VIEW

Isometric view with the door open. Inside: the splice tray on the back wall and the bracket for the interchangeable 8-adapter panel. The door carries the gasket around its full perimeter and the quarter-turn lock.

5 Standards and certification

- ✓ **2014/35/EU** Low Voltage Directive
- ✓ **2014/30/EU** Electromagnetic Compatibility Directive
- ✓ **EN 60529:1991/A2:2013/AC:2019-02** Degrees of protection provided by enclosures (IP code)
- ✓ **EN 61439-1:2011** Low-voltage switchgear and controlgear assemblies — general rules
- ✓ **EN 61439-3:2012/AC:2019-04** Distribution boards intended to be operated by ordinary persons
- ✓ **EN 62368-1:2014/AC:2015** Audio/video, information and communication technology equipment — safety

6 Colour and ordering

Available finishes

RAL 7035
Light grey

Ordering code

`SN-BG-[H]`

`[H]`

Enclosure height in millimetres — 330 (300 x 330 x 120) or 400 (300 x 400 x 150) — 330, 400

EXAMPLE `SN-BG-400`

Compact Series outdoor fibre enclosure, 300 mm wide, 400 mm high, 150 mm deep, RAL 7035, IP54.

There are no door, colour or depth options — one SKU per height. The interchangeable adapter panel and adapters are ordered separately.

CE · IP54 · EN 60529 · 2014/35/EU · Made in Europe

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