Strojírenský zkušební ústav, s.p.
Engineering Test Institute, Public Enterprise
Product Certification Body 3040
accredited by the Czech Accreditation Institute pursuant ČSN EN ISO/IEC 17065:2013
Hudcova 424/56b, Medlánky, 621 00 Brno, Czech Republic

FINAL REPORT
32-10725/EZ

Product:	Intercom
Type designation:	2N® IP Verso 2.0

Customer:
2N TELEKOMUNIKACE a.s.
Modřanská 621/72
143 00 Praha 4
Czech Republic
Company ID: 26183960

Manufacturer:
2N TELEKOMUNIKACE a.s.
Modřanská 621/72
143 00 Praha 4
Czech Republic

Report issue date:
2021-12-15

Distribution list:
1 copy to the Customer
1 copy to the Engineering Test Institute

The product conformity assessment has been carried out in accordance with ČSN EN 60529:1993, ČSN EN 62262:2004.

Product certification scheme applied:
SZÚ-1a:2020.00 (based on Scheme 1a of ISO/IEC 17067, which is based on testing and inspection).

I. Specification of the product

The protection degree (IP code) and the protection degree provided by enclosures (IK code) were assessed on product Intercom, type designation 2N® IP Verso 2.0.
The product has to possible ways of installation – flush installation and surface installation – which differ slightly in the components, the main unit is the same, only the frame is different – see below.

Flush installation
9155211C   2N® IP Verso 2.0 Main unit with camera, Nickel
9155211CB   2N® IP Verso 2.0 Main unit with camera, Black
9155012   2N® IP Verso - Frame for flush installation, 2 modules
9155012B   2N® IP Verso - Frame for flush installation, 2 modules - black
9155015   2N® IP Verso - Box for flush installation, 2 modules

Surface installation
9155211C   2N® IP Verso 2.0 Main unit with camera, Nickel
9155211CB   2N® IP Verso 2.0 Main unit with camera, Black
9155022   2N® IP Verso - Frame for surface installation, 2 modules
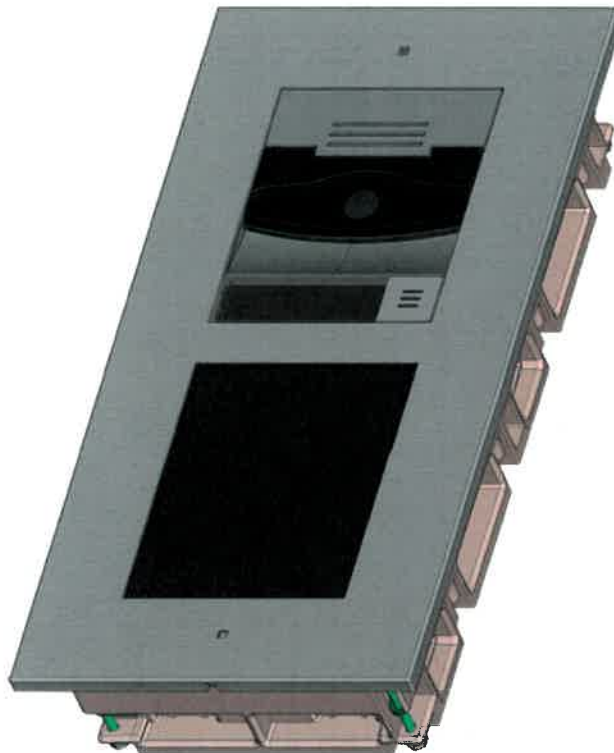9155022B   2N® IP Verso - Frame for surface installation, 2 modules - black

Fig. 1 Assessed product – for flush installation

Fig. 2 Assessed product – for surface installation

II.   List of submitted technical documentation

	Table 1
No.	**Submitted documentation:**
1.	2N® IP Verso 2.0 with Frame for Installation in the Wall of 2021-12-09
2.	2N® IP Verso 2.0 with Frame for Installation on the Wall of 2021-12-09

III.   Assessment of product conformity

				Table 2
No.	**Requirement:**	**Standard or technical regulation applied:**	**Source material, document:**	**Evaluation: ***
1.	Degree of protection provided by enclosures IP 54	ČSN EN 60529:1993	Evaluation report 32-10725/EH	+
2.	Degree of protection against external mechanical impacts IK08	ČSN EN 62262:2004		+

* Evaluation:

+   Requirement f u l f i l l e d   **–**   Requirement n o t fulfilled   **0**   Requirement n o t assessed   **N**   Not applicable

The product concerned is in compliance with the relevant technical requirements pursuant to ČSN EN 60529:1993, ČSN EN 62262:2004.

IV. Conclusion

It ensues from the examination of the submitted technical documentation and from the verification and tests performed that enclosure of the product concerned:

Intercom,
type designation **2N® IP Verso 2.0**

does comply with the requirements for:
- degree of protection provided by enclosures **IP 54** according to the standard ČSN EN 60529:1993.
- degree of protection against external mechanical impacts **IK08** according to the standard ČSN EN 62262:2004.

V. A list of referenced documents

- Order OPV-0002441of 2021-11-16 (Order ref. no. B-74948 received on 2021-11-23)
- Contract B-74948/32

- ČSN EN 60529:1993 - Degrees of protection provided by enclosures (IP Code)
- ČSN EN 62262:2004 - Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)

- Evaluation Report 32-10725/EH of 2021-12-14

- A list of technical documentation:
    - 2N® IP Verso 2.0 with Frame for Installation in the Wall of 2021-12-09
    - 2N® IP Verso 2.0 with Frame for Installation on the Wall of 2021-12-09

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of the evaluations carried out: Michal Bauer

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