

OBO Installation Systems

Intelligent solutions for construction and extension of mobile telecommunications systems



Networked installation systems.

For a perfect start to the future of mobile communications.



UMTS – four letters for a new dimension, new quality and new speed in mobile communications. By 2010 around two billion people worldwide will enjoy the benefits of the “Universal Mobile Telecommunications System” and have access to the third dimension of digital mobile communications.

A pre-condition for the use of UMTS is the build-up of a comprehensive network of high-performance UMTS transmission systems. As a system provider with a global operation OBO Bettermann is one of the leading operators in this. And that applies not only to UMTS, but also to all other areas of forward-looking mobile communications.

- 1 Practical connection and fastening systems
- 2 Modern transient voltage and lightning protection systems
- 3 Universal cable support systems and
- 4 Cable routing systems.

Particular tasks require particular solutions.

OBO experts are specialists in the area of planning and engineering for industry, plant construction and major projects throughout the world. We make this know-how available to our customers – for example for the construction or expansion of mobile telecommunications systems.

OBO systems for the communication networks of today and tomorrow.

OBO – complete range and professional solutions for all areas of electrical installation.



<p>1</p> <p>Connection systems</p> <p>Fastening systems</p> <p>Rail systems</p>	<p>2</p> <p>Surge protection systems</p> <p>Equipotential bonding systems</p> <p>Earthing systems</p> <p>Lightning protection systems</p>	<p>3</p> <p>Mounting systems</p> <p>Cable tray systems</p> <p>Cable ladder systems</p> <p>Vertical ladder systems</p>	<p>4</p> <p>Installation duct systems</p>

Welcome to OBO.

Perfect solutions for every sort of electrical installation. User-friendly, practical products for fast, problem-free fitting. That's what matters to the professional. And that's what the OBO brand means.

For our customers that means:

- ▶ Comprehensive range with over 30,000 items
- ▶ In-house development and manufacture
- ▶ Continuous product maintenance and further product development
- ▶ Active participation in national and

- international standardisation bodies
- ▶ Tested materials and manufacturing quality – witnessed by numerous national and international test marks and certificates – from GS and VDE marks to UL authorisation
- ▶ 5 years' guarantee on all surge protection products

- ▶ Certified to DIN EN ISO 9001
- ▶ OBO hotline for advice and help with solving problems on-site

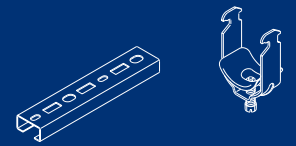
OBO. Used by professionals.

Application case 1

Office building with mobile telecommunications system



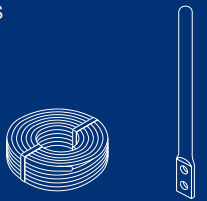
① VBS Rail systems



② TBS Earthing systems



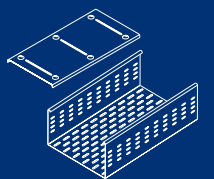
③ TBS Lightning protection systems



④ TBS Surge protection systems



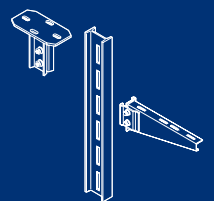
⑤ KTS Cable tray systems



⑥ KTS Vertical ladder systems



⑦ KTS Mounting systems



Application case 2

Dwelling with mobile telecommunications system



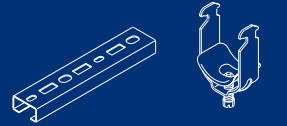
1 VBS Connection systems



2 VBS Fastening systems



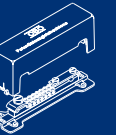
3 VBS Rail systems



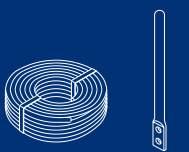
4 TBS Earthing systems



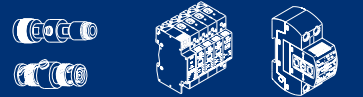
5 TBS Equipotential bonding systems



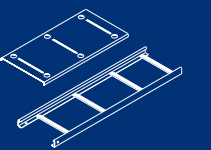
6 TBS Lightning protection systems



7 TBS Surge protection systems



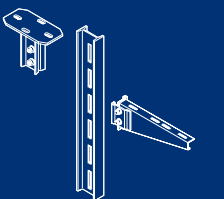
8 KTS Cable ladder systems



9 KTS Vertical ladder systems



10 KTS Mounting systems



11 LFS Installation duct systems

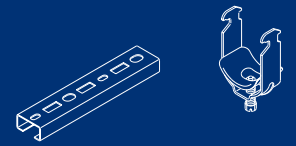


Application case 3

Industrial building with mobile telecommunications system



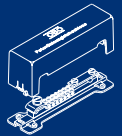
1 VBS Rail systems



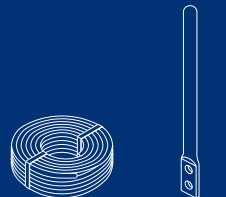
2 TBS Earthing systems



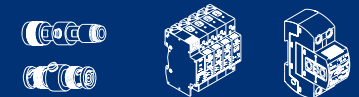
3 TBS Equipotential bonding systems



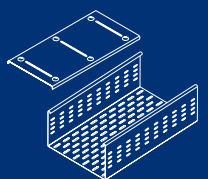
4 TBS Lightning protection systems



5 TBS Surge protection systems



6 KTS Cable tray systems



7 KTS Vertical ladder systems



Application case 4

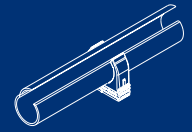
Free-standing mobile telecommunications system



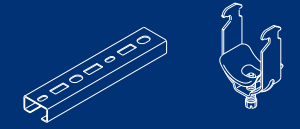
1 VBS Connection systems



2 VBS Fastening systems



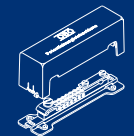
3 VBS Rail systems



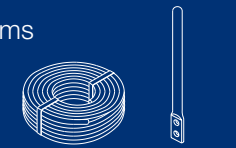
4 TBS Earthing systems



5 TBS Equipotential bonding systems



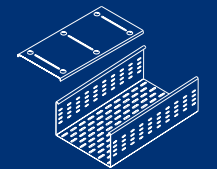
6 TBS Lightning protection systems



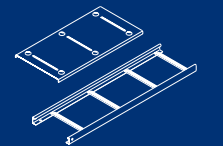
7 TBS Surge protection systems



8 KTS Cable tray systems



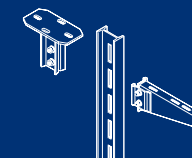
9 KTS Cable ladder systems



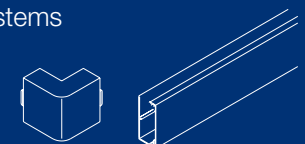
10 KTS Vertical ladder systems



11 KTS Mounting systems



12 LFS Installation duct systems



OBO worldwide



- | | | | |
|------------------|-----------------|----------------|------------------------|
| ● Argentina | ● Finland | ● Lithuania | ● Slovakia |
| ● Australia | ● France | ● Malaysia | ● Slovenia |
| ● Austria | ● Germany | ● Malta | ● South Africa |
| ● Bahrain | ● Great Britain | ● Netherlands | ● Spain |
| ● Belgium | ● Greece | ● New Zealand | ● Sweden |
| ● Brazil | ● Hongkong | ● Norway | ● Switzerland |
| ● Bulgaria | ● Hungary | ● Oman | ● Syria |
| ● China | ● Indonesia | ● Poland | ● Turkey |
| ● Czech Republic | ● Ireland | ● Portugal | ● Ukraine |
| ● Denmark | ● Israel | ● Qatar | ● United Arab Emirates |
| ● Dubai | ● Italy | ● Romania | ● USA |
| ● Eritrea | ● Latvia | ● Saudi Arabia | ● Yugoslavia |
| ● Estonia | ● Lebanon | ● Singapore | ... |

OBO. Used by professionals.



VBS TBS KTS BSS LFS UFS

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