

HoverCube VH/VHF

Suspended energy distributor for workplaces and machines

Building Connections

TRENCH

OBO Bettermann Group

HoverCube VH/VHF

Suspended energy distributor for workplaces and machines in industry, the trades and in training areas. The HoverCubes can be placed freely in the room. They are supplied from the ceiling. Depending on the protection rating, they can be equipped flexibly to supply power, data and media technology through to work media such as compressed air.





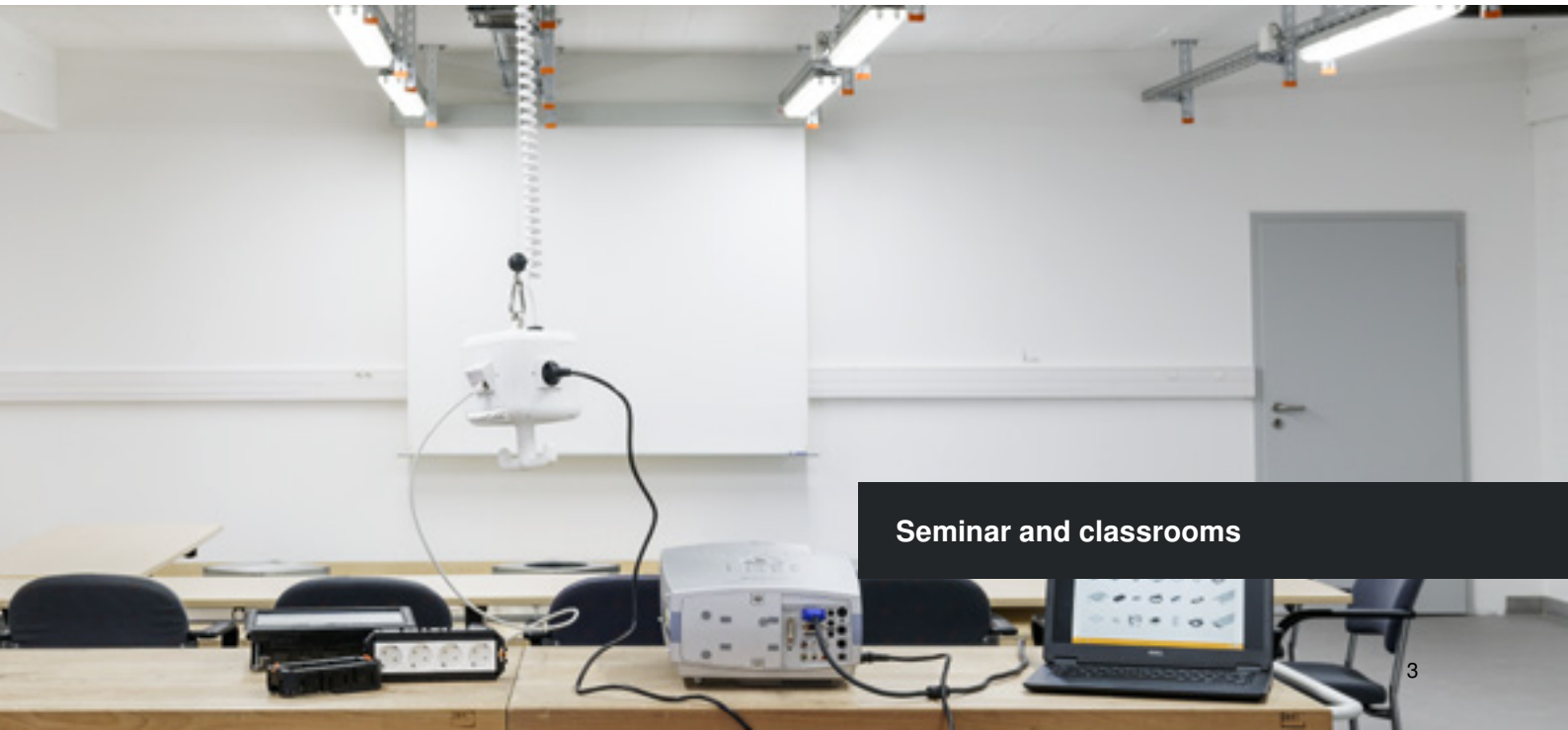




Workshops and work areas



Industrial and assembly workplaces



Seminar and classrooms

Robust and trusted

The housings of the HoverCubes are made of highly resistant polyamide and offer installation space for up to 4, or alternatively 8, installation devices. This means that power supply units provide connections for work media directly and safely at the workplace.



Modul 45® sockets



CEE connection units



Compressed air



Modul data and multimedia technology




by OBO
OBO



Standardised installation

Cables are inserted in the HoverCube via penetration sleeves. Integrated strain relief options in the housing ensure standardised installation. Suspension takes place in a fixed manner with a chain, with a spring, ergonomically with the positioner or with steel cables, e.g. Quick Wire from OBO.

Modul 45 sockets

Up to two Modul 45 devices can be installed on each connection side. Different circuits can be installed in the housing. The entire product range of international sockets is available.

CEE connection unit

CEE 16 A and CEE 32 A sockets can be installed in the power supply units.





HoverCube with increased IP protection

The VHF8 HoverCube is specially designed for use in moist and wet areas. In the unused state, the housing equipment and the devices offer a protection rating of IP44 (protected against spray water).

Through the installation of REG devices of up to 4 part units, workstations can be protected appropriately and in a decentralised manner.





Compressed air

The compressed air connection of the HoverCube is designed for compressed air hoses 13 x 3.5 mm. The HoverCube is equipped with a 2-way distributor ½“.

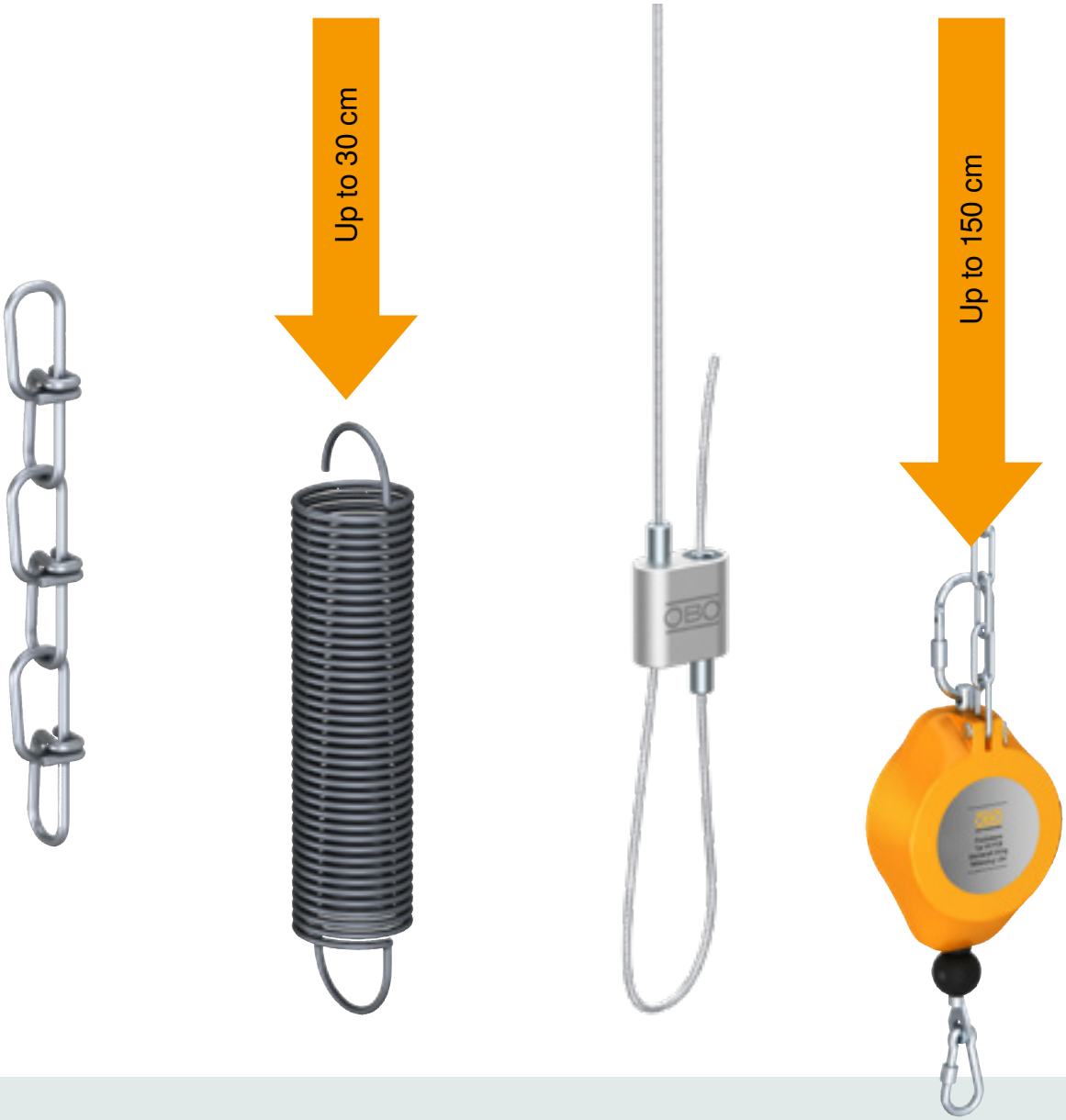
Data technology and multimedia

The entire Modul 45 programme of data and multime-dia technology is available for the network connection of machines and systems and in seminar and training rooms.

Variant

In seminar and training rooms, the HoverCube in pure white can be used for a more discreet appearance.

Suspension of the unit



Chain

The suspension of the HoverCubes can be carried out in a fixed manner with a chain to supply machines or systems.

Chain + spring

Suspension using a tension spring allows improved access to the connections. The unit can be pulled down by up to 30 cm.

Quick Wire cable suspension

Further simple suspension is offered by the Quick Wire system with support cable and infinitely adjustable cable gripper, via which the suspension height can be adjusted at a later time.

Positioner

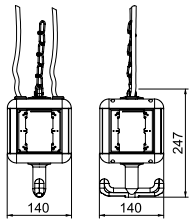
In addition, the HoverCube can be suspended ergonomically via the height-adjustable positioner. The positioner offers a height adjustment range of up to 1.5 m, holding the HoverCube in position at the set height.

VH – empty housing and installation accessories IP20

HoverCube VH-4, empty housing

PA





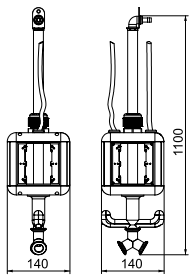
Type	Colour	Pack Piece	Item no.
VH-4 LG	Graphite black	1	6109800

Empty housing with suspension lug and grip hook, for the installation of four electrical resources, with included partition. Without cover plates.

HoverCube VH-4, empty housing, with compressed air connection

PA





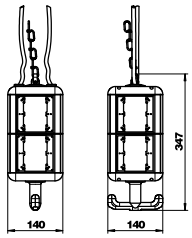
Type	Colour	Pack Piece	Item no.
VH-4L LG	Graphite black	1	6109810

Empty housing with 1 m pipe 1/2" and connection for compressed air hose 13 x 3.5 mm and 2-way distributor 1/2". With suspension lug and grip hook, for the installation of four electrical resources, with included partition. Without cover plates.

HoverCube VH-8, empty housing

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Type	Colour	Pack Piece	Item no.
VH-8 LG	Graphite black	1	6109821

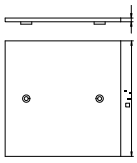
Empty housing with suspension lug and grip hook, for the installation of eight electrical resources, with included partition. Without cover plates.

Accessories IP 20

VH cover plate as blanking cover

PA





Type	Colour	Pack Piece	Item no.
VH-P1	Rape yellow	1	6109842

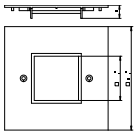
Cover plate as blanking cover.

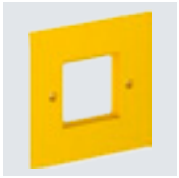
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VH cover plate, for Modul 45 devices, single

Type	Colour	Pack Piece	Item no.
VH-P4	Rape yellow	1	**6109840**

Cover plate, for Modul 45 devices, single.



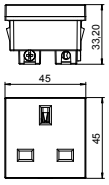


PC

0° socket, British Standard, single

Type	Colour	Pack Piece	Item no.
STD-BS0 RW1	Pure white	1	**6120722**

Socket, single 0°, British Standard, conforms to BS 1363, with increased touch protection, with screw terminals, 2-pin, 13 A, 250 V~.





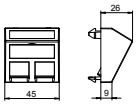
PC

Data technology support, 1 module, slanting outlet, type C

Type	Colour	Pack Piece	Item no.
DTS-2C RW1	Pure white	1	**6119250**

The type C data technology support is suitable for accepting the following data connection modules: BTR (Keystone design): Cat. 6A module and UAE module; Corning: modules with Keystone seat; CobiNet: CobiDat KS module; Dätwyler: KS-T, KS-TS, MS-K and KU-T; EKU: E-Stone; Harting: Prelink Keystone Cat. 6A; Fixlink Keystone Cat. 6A; Komos: KDM 500 module; Leoni Kerpen: MegaLine-Connect45 Keystone socket modules; OBO: Type ASM-C6A and ASM-C6A G; R&M: Cat. 6A with Keystone fastening; Rutenbeck: UM and UMflex; SETEC: UKJ and XKJ; Telegärtner: AMJ and UMJ.

Data technology support with slanting outlet and locking slider to accept two data technology connection modules with RJ45 socket. The locking fastening is suitable for horizontal and vertical installation in the system environment. Type C has a mounting opening of 19.30 x 14.80 mm and is designed for direct fastening of the data connection modules in the mounting opening.

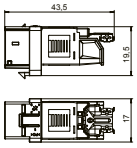




Connection module Cat. 6A, unshielded, Keystone

Type	Pack Piece	Item no.
ASM-C6A	1	**6117348**

Connection module Cat. 6A (ISO) unshielded, with an RJ45 slot. Including a dust cover, a cable tie, a Keystone fastening frame and mounting instructions. Suitable for installation in the data technology supports of type DTG-2C and DTS-2C, support plate of type MTM 2C and MTM 3C, mounting plate of type MPR2 2C, mounting supports of type MTGE2 2C, MTGE2 15 2C and MTGE2 F 2C.

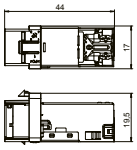




Connection module Cat. 6A, shielded, Keystone

Type	Pack Piece	Item no.
ASM-C6A G	1	**6117346**

Connection module Cat. 6A (ISO) shielded, with an RJ45 slot. Including an EMC screen hood, a dust cover, a cable tie, a Keystone fastening frame and mounting instructions. Suitable for installation in the data technology supports of type DTG-2C and DTS-2C, support plate of type MTM 2C and MTM 3C, mounting plate of type MPR2 2C, mounting supports of type MTGE2 2C, MTGE2 15 2C and MTGE2 F 2C.

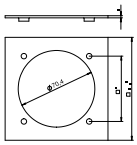




Cover plate VH, for CEE connection unit

PA





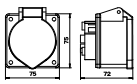
Type	Colour	Pack Piece	Item no.
VH-P3	Rape yellow	1	6109838

Cover plate with a Ø 70 mm opening for the installation of a CEE socket 16/32 A with 60 mm fastening track, including four fastening screws.

Information on equipment:
Max. 2 CEE sockets 16/32 A in a power supply unit VH-4
Max. 4 CEE sockets 16/32 A in a power supply unit VH-8

CEE connection unit, 16 A



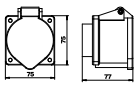


Type	Pack Piece	Item no.
CEE-16A	1	6109874

CEE socket with 60 mm fastening track, 3-pin + N + PE, 400 V, 16 A, 6 h.

CEE connection unit, 32 A





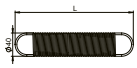
Type	Pack Piece	Item no.
CEE-32A	1	6109876

CEE socket with 60 mm fastening track, 3-pin + N + PE, 400 V, 32 A, 6 h.

VH/VHF tension spring

A2 2B





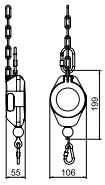
Type	Pack Piece	Item no.
VH-F100VA	1	6109829

Tension spring for VH/VHF power supply units, with German eyelet.

Fmax.= 100 N
L0 = 200 mm
Ln = 500 mm (for Fmax.)
Material: VA ø 3.0 mm

Positioner for VH power supply units





Type	Designation	Colour	Pack Piece	Item no.
VH-POS	Up to 6 kg load capacity	Orange	1	6109887

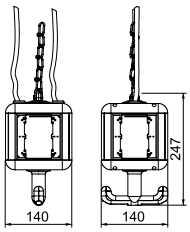
Positioner for variable height adjustment of a VH power supply unit, support load between 0.5 and 6.0 kg, maximum cable draw-out 1.5 m.

VH - Empty housing and installation accessories IP20, pure white

HoverCube VH-4, empty housing

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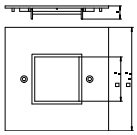
Type	Colour	Pack Piece	Item no.
VH-4 LG RW	Pure white	1	**6109801**

Empty housing with suspension lug and grip hook, for the installation of four electrical resources, with included partition. Without cover plates.

Accessories IP 20, pure white

VH cover plate, for Modul 45 devices, single

PA

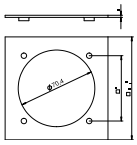


Type	Colour	Pack Piece	Item no.
VH-P4 RW	Pure white	1	**6109841**

Cover plate to install a single Modul 45 socket.

Cover plate VH, for CEE connection unit

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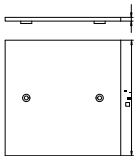
Type	Colour	Pack Piece	Item no.
VH-P3 RW	Pure white	1	**6109837**

Cover plate with a Ø 70 mm opening for the installation of a CEE socket 16/32 A with 60 mm fastening track, including four fastening screws.

Information on equipment:
Max. 2 CEE sockets 16/32 A in a power supply unit VH-4
Max. 4 CEE sockets 16/32 A in a power supply unit VH-8

VH cover plate as blanking cover

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Type	Colour	Pack Piece	Item no.
VH-P1 RW	Pure white	1	**6109843**

Cover plate as blanking cover.

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