

CEE-Form REEFER CONTAINER Plugs - Connectors - Receptacles

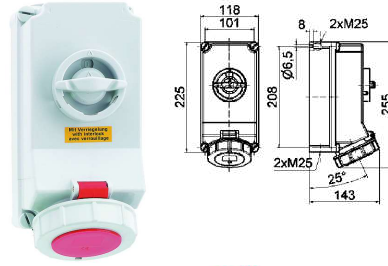
BALS Elektrotechnik Reefer Container Devices ISO STANDARD

380-440V 32A 4P 3h IP67. Engineered and Made in Germany.
Approved and certified by VDE, DNV-GL, IEC 60309, EN60309, VDE 0623.
Validated according to IEC Standards, CE and RoHS, material restrictions.
Suitable for nominal operating temperature -25° up to +50°C (environmental condition).

Surface Mounting Socket Outlet TE

CEE Socket with **screwless terminals, QUICK CONNECT**. Switched.
With mechanical double interlocking. 380V (50Hz) and 440V (60Hz).
Lockable in 0-position. High-temperature resistant contact carrier.
Nickel plated contacts. Protection degree IP67

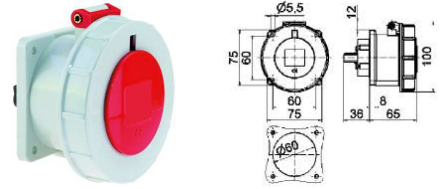
Article No.	Type	Amperé	IMPA
77BALS0016050	CEE Socket surface mount 3P+E 3H	32	-



Panel Mounting Socket Outlet TE

CEE Socket with **screw terminals**.
Straight model. 380V (50Hz) and 440V (60Hz).
High-temperature resistant contact carrier.
Nickel plated contacts. Protection degree IP67

Article No.	Type	Amperé	IMPA
77BALS0013021	CEE Socket Panel mount 3P+E 3H	32	-



Plug TE-Plus with MULTI-GRIP

CEE Plug with **screwless terminals, QUICK CONNECT**.
Special gland, simultaneous cable gland and seal. 380V (50Hz) and 440V (60Hz).
High-temperature resistant contact carrier.
Nickel plated contacts. Protection degree IP67

Article No.	Type	Amperé	IMPA
77BALS0210328	CEE Plug TE-Plus Multi-Grip 3P+E 3H	32	-



Plug with MULTI-GRIP

CEE Plug with **screwless terminals, QUICK CONNECT**.
Special gland, simultaneous cable gland and seal. 380V (50Hz) and 440V (60Hz).
One-piece enclosure.
Nickel plated contacts. Protection degree IP67

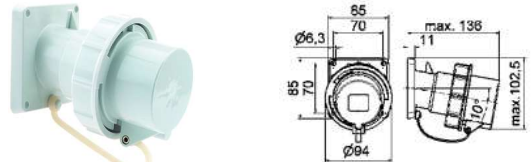
Article No.	Type	Amperé	IMPA
77BALS0021232	CEE Plug Multi-Grip 3P+E 3H	32	-



Appliance Inlet with Flange TE

CEE Inlet with **screw terminals**.
With closure cap. 380V (50Hz) and 440V (60Hz).
High-temperature-resistant contact carrier. Flange 85x85mm.
Nickel plated contacts. Protection degree IP67

Article No.	Type	Amperé	IMPA
77BALS0027027	CEE Appliance Inlet 3P+E 3H	32	-



Closure Caps

For CEE Plugs.
Protection degree IP67

Article No.	Type	Article No.	Type
77BALS00830	16A / 3p	77BALS00832	32A / 5, 7p
77BALS00835	16A / 4p	77BALS00833	63A / 3, 4, 5p
77BALS00831	16A / 5, 7p	77BALS00834	125A / 3, 4, 5p
77BALS00837	32A / 3, 4p		



Connector TE-Plus with MULTI-GRIP

CEE Connector with **screwless terminals, QUICK CONNECT**.
Special gland, simultaneous cable gland and seal. 380V (50Hz) and 440V (60Hz).
High-temperature resistant contact carrier.
Nickel plated contacts. Protection degree IP67

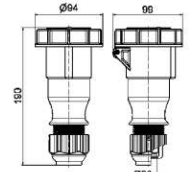
Article No.	Type	Amperé	IMPA
77BALS0310426	CEE Conn TE-Plus Multi-Grip 3P+E 3H	32	-



Connector with MULTI-GRIP

CEE Connector with **screwless terminals, QUICK CONNECT**.
Special gland, simultaneous cable gland and seal. 380V (50Hz) and 440V (60Hz).
One-piece enclosure.
Nickel plated contacts. Protection degree IP67

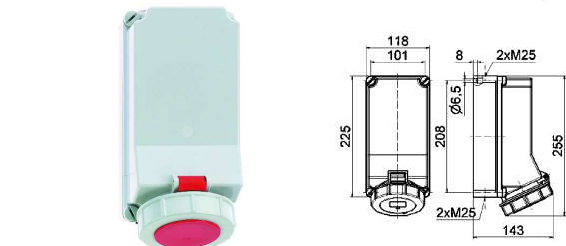
Article No.	Type	Amperé	IMPA
77BALS031186	CEE Connector Multi-Grip 3P+E 3H	32	-



Surface Mounting Socket Outlet Quick-Connect TE

CEE Socket with **screwless terminals, QUICK CONNECT**.
380V (50Hz) and 440V (60Hz). 225x118mm
High-temperature resistant contact carrier.
Nickel plated contacts. Protection degree IP67

Article No.	Type	Amperé	IMPA
77BALS0011556	CEE Socket surface mount 3P+E 3H	32	-



CEE-Form REEFER CONTAINER Plugs - Connectors - Receptacles

Surface Mounting Socket Outlet TE

CEE Socket with **screwless terminals, QUICK CONNECT**. Switched. With mechanical double interlocking. 380V (50Hz) and 440V (60Hz). Lockable in 0-position. High-temperature resistant contact carrier. Nickel plated contacts. Protection degree IP67 Hinged Window

Article No.	Type	Amperé	IMPA
77BALS0017026	CEE Socket surface mount 3P+E 3H	32	-

Test Plug

CEE Plug with **screw terminals**. For testing switch panel. 380V (50Hz) and 440V (60Hz). Nickel plated contacts. Protection degree IP44

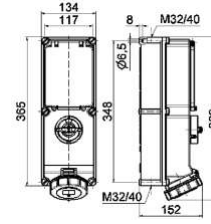
Article No.	Type	Amperé	IMPA
77BALS002298	CEE Test Plug 3P+E 3H	32	-

Cable Gland MULTI-GRIP with additional Strain Relief

For plugs and connectors with MULTI-GRIP cable gland

Article No.	For
77BALS0029148	16A / 3p, 4p TE+TE Plus + QC + TLS
77BALS0029149	16A / 5p TE + TE Plus
77BALS0029150	32A / 5p TE + TE Plus

Article No.	For
77BALS0029132	63A / 3p, 4p, 5p TE+TE Plus
77BALS0029133	125A / 3p, 4p, 5p TE



VARIABOX extension - switching bar:

Perfect optical integration in the existing system. User-friendly arrangement in the case of multiple units. Mechanical double-interlocking. Can be locked in the 0-position. Nickel plated contacts. High temperature-resistant contact carriers. Greater flexibility in the Variabox system landscape. Suitable for harsh environmental conditions. Versions in all voltages and frequencies from 16A 3-pole to 32A 5-pole. Protection degrees IP44, IP54 and IP67.

VARIABOX-M

Dimension 260x230mm.

Components: 1 CEE socket 32A, 400V, 4p, 3h, IP67, nickel plated contacts. With mechanical interlocking, lockable in 0-position.

Fuse: 1 C-type MCB 32A 3p, 1 RCCB 40/00.3A 4p.

Cable entry at top and bottom: each with 1x M12, 1x M20, 2x M40.

Connection option: 2 cables up to 5 x 25mm²

Article No.	Type	Amperé	IMPA
77BALS0896459	VARIABOX - M BALS	32	-

VARIABOX-L

Dimension 390x230mm.

Components: 2 CEE socket 32A, 400V, 4p, 3h, IP67, nickel plated contacts. With mechanical interlocking, lockable in 0-position.

Fuse: 2 C-type MCB 32A 3p, 1 RCCB 63/00.3A 4p.

Cable entry at top and bottom: each with 1x M12, 1x M20, 2x M40.

Connection option: 2 cables up to 5 x 25mm²

Article No.	Type	Amperé	IMPA
77BALS0896462	VARIABOX - L BALS	32	-

VARIABOX-XL

Dimension 520x230mm.

Components: 3 CEE socket 32A, 400V, 4p, 3h, IP67, nickel plated contacts. With mechanical interlocking, lockable in 0-position.

Fuse: 3 C-type MCB 32A 3p.

Cable entry at top and bottom: each with 1x M12, 1x M20, 2x M40.

Connection option: 2 cables up to 5 x 25mm²

Article No.	Type	Amperé	IMPA
77BALS0896437	VARIABOX - XL BALS	32	-

VARIABOX-L DUO

Dimension 390x460mm.

Components: 4 CEE socket 32A, 400V, 4p, 3h, IP67, nickel plated contacts. With mechanical interlocking, lockable in 0-position.

Fuse: 4 C-type MCB 32A 3p, 1 RCCB 63/00.3A 4p.

Cable entry at top and bottom: each with 1x M12, 1x M20, 2x M40.

Connection option: 2 cables up to 5 x 25mm²

Article No.	Type	Amperé	IMPA
77BALS0896463	VARIABOX - L DUO BALS	32	-



Type M



Type L



Type XL



Type L
DUO



QUICK CONNECT

BALS QUICK CONNECT Technology

For 16A plugs and connectors 1mm² - 2.5mm² (flexible conductors).
For 16A panel and surface mount socket outlets 1.5mm² - 4mm² (rigid and multi-wire conductors).
For 32A plugs and connectors 2.5mm² - 10mm² (flexible conductors).
For 32A panel and surface mount socket outlets 2.5mm² - 10mm² (rigid and multi-wire conductors).
For 63A plugs and connectors 6mm² - 16mm² (flexible conductors).
For 63A panel and surface mount socket outlets 6mm² - 25mm² (rigid and multi-wire conductors).



MULTI GRIP



BALS MULTI-GRIP Technology

MULTI-GRIP easily adapts to almost all cable and wire types!
The special cable gland is secured against self-loosening and unintentional loosening when inserting and withdrawing the plug by means of a buttress thread. The rubber seal which permanently joined to the enclosure cannot be lost. The time-consuming adjustment of the union rings to the cable diameter is no longer necessary. Simply tighten the MULTI-GRIP cable gland for damage-free, air-tight and permanent mounting of cable without and kind of deformation. Protection is at least IP67. Water no longer remains in the flared opening; it's instead forced out through the drainage openings.