

- Completely insulated which allows for direct connection of a generator cable to a live low voltage busbar.
- The clamp is fixed to the busbar by means of an insulated box spanner which meets the requirements of IEC 60900 (live working, hand tools for use up to 1000Vac and 1500Vdc).

A PowerLock generator input connection point is incorporated within the clamp to allow for direct connection of the generator cable end.

These devices are rated at 400A and 660A continuous. The clamps are also keyed to distinguish between phases and prevent connection errors.

The clamp head width of the 400 amp versions is 28mm, the 660 amp clamps are 45mm wide.

G clamp - Short Extension Arm - 400 amp

Line / Color	Description Code	ITT Part Number
Earth / Green	LVB100-E-GN-S	078214-6404
Neutral / Blue	LVB100-N-BL-S	078214-6403
Line 1 / Brown	LVB100-1-BN-S	078214-6400
Line 2 / Black	LVB100-2-BK-S	078214-6401
Line 3 / Grey	LVB100-3-GY-S	078214-6402
Installation Tool	LVS200H	A00044028



G clamp - Short Extension Arm - 660 amp

Line / Color	Description Code	ITT Part Number
Earth / Green	LVB200-E-GN-S	A00044S2E
Neutral / Blue	LVB200-N-BL-S	A00045S2N
Line 1 / Brown	LVB200-1-BN-S	A00045S21
Line 2 / Black	LVB200-2-BK-S	A00045S22
Line 3 / Grey	LVB200-3-GY-S	078214-6000
Installation Tool	LVS200H	A00044028

G clamp - Long Extension Arm - 400 amp

Line / Color	Description Code	ITT Part Number
Earth / Green	LVB100-E-GN-E	078214-6414
Neutral / Blue	LVB100-N-BL-E	078214-6413
Line 1 / Brown	LVB100-1-BN-E	078214-6410
Line 2 / Black	LVB100-2-BK-S	078214-6411
Line 3 / Grey	LVB100-3-GY-E	078214-6412
Installation Tool	LVL200H	A00044027



G clamp - Long Extension Arm - 660 amp

Line / Color	Description Code	ITT Part Number
Earth / Green	LVB200-E-GN-E	A00044E2E
Neutral / Blue	LVB200-N-BL-E	A00044E3N
Line 1 / Brown	LVB200-1-BN-E	A00044E31
Line 2 / Black	LVB200-2-BK-E	A00044E32
Line 3 / Grey	LVB200-3-GY-E	A00044E43
Installation Tool	LVL200H	A00044027



VEAM PowerLock

Insulated G Style Clamp

- Completely insulated which allows for direct connection of a generator cable to a live low voltage busbar.
- The clamp is fixed to the busbar by means of an insulated box spanner which meets the requirements of IEC 60900 (live working, hand tools for use up to 1000Vac and 1500Vdc).

A PowerLock generator input connection point is incorporated within the clamp to allow for direct connection of the generator cable end.

These devices are rated at 400 and 660A continuous. The clamps are also keyed to distinguish between phases and prevent connection errors.

The clamp head width of the 400 amp versions is 28mm, the 660 amp clamps are 45mm wide.

G clamp - Right Angle Extension Arm - 400 amp

Line / Color	Description Code	ITT Part Number
Earth / Green	LVB100-E-GN-R	078214-6424
Neutral / Blue	LVB100-N-BL-R	078214-6423
Line 1 / Brown	LVB100-1-BN-R	078214-6420
Line 2 / Black	LVB100-2-BK-R	078214-6421
Line 3 / Grey	LVB100-3-GY-R	078214-6422
Installation Tool	LVS200H	A00044028



G clamp - Right Angle Extension Arm - 660 amp

Line / Color	Description Code	ITT Part Number
Earth / Green	LVB200-E-GN-R	A00044R2E
Neutral / Blue	LVB200-N-BL-R	078214-6023
Line 1 / Brown	LVB200-1-BN-R	078214-6020
Line 2 / Black	LVB200-2-BK-R	078214-6021
Line 3 / Grey	LVB200-3-GY-R	078214-6022
Installation Tool	LVS200H	A00044028



G clamp -Dual Extension Arm - 660 amp

Line / Color	Description Code	ITT Part Number
Earth / Green	LVB1200-E-GN	078214-6114
Neutral / Blue	LVB1200-N-BL	078214-6113
Line 1 / Brown	LVB1200-1-BN	078214-6110
Line 2 / Black	LVB1200-2-BK	078214-6111
Line 3 / Grey	LVB1200-3-GY	078214-6112
Installation Tool	LVL200H	A00044027

Specifications and dimensions subject to change

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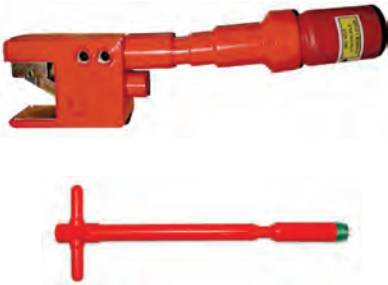
VEAM PowerLock

Insulated Horizontal Clamp

- Completely insulated which allows for direct connection of a generator cable to a live low voltage busbar.
- The clamp is fixed to the busbar by means of an insulated box spanner which meets the requirements of IEC 60900 (live working, hand tools for use up to 1000Vac and 1500Vdc).

A PowerLock generator input connection point is incorporated within the clamp to allow for direct connection of the generator cable end.

These devices are rated at 660A continuous. The clamps are also keyed to distinguish between phases and prevent connection errors.



Horizontal Clamp - Short Extension Arm - 660 amp

Line / Color	Description Code	ITT Part Number
Earth / Green	LVK600-E-GN-S	A00044S8E
Neutral / Blue	LVK600-N-BL-S	078214-6213
Line 1 / Brown	LVK600-1-BN-S	078214-6210
Line 2 / Black	LVK600-2-BK-S	078214-6211
Line 3 / Grey	LVK600-3-GY-S	078214-6212
Installation Tool	LVS200H	A00044028



Horizontal Clamp - Long Extension Arm - 660 amp

Line / Color	Description Code	ITT Part Number
Earth / Green	LVK600-E-GN-E	078214-6204
Neutral / Blue	LVK600-N-BL-E	078214-6203
Line 1 / Brown	LVK600-1-BN-E	078214-6200
Line 2 / Black	LVK600-2-BK-E	078214-6201
Line 3 / Grey	LVK600-3-GY-E	078214-6202
Installation Tool	LVL200H	A00044027



Horizontal Clamp - Long Extension Arm - 660 amp

Line / Color	Description Code	ITT Part Number
Earth / Green	LVK600-E-GN-R	A00044R8E
Neutral / Blue	LVK600-N-BL-R	A00044R9N
Line 1 / Brown	LVK600-1-BN-R	A00044R91
Line 2 / Black	LVK600-2-BK-R	A00044R92
Line 3 / Grey	LVK600-3-GY-R	A00044R95
Installation Tool	LVS200H	A00044028

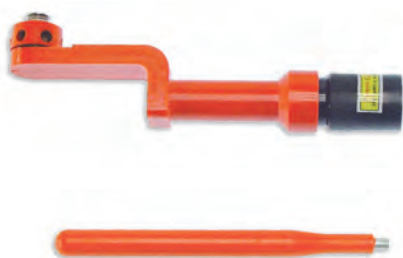


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Rotary Clamp / Generator Connector (FRED)

- Compact unit incorporates a Line Source Finger Proof connector with a rotary type clamp, suitable for use on slotted Bus-bars. The handle meets the requirements of IEC 60900 (live working, hand tools for use up to 1000Vac and 1500Vdc).
- The clamp is manufactured in high conductivity material and is suitable for 660A continuous operation.
- The rotary wheel is manufactured from hardened steel which eliminates problems associated with hole elongation.
- An ergonomic fully insulated installation tool is available for fixing the clamp to a slotted bus-bar.



Rotary Clamp / Generator Connector (FRED)

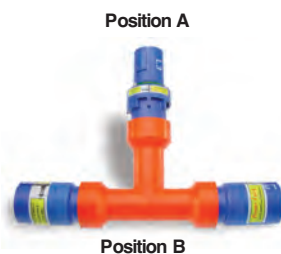
Line / Color	Description Code	ITT Part Number
Earth / Green	LVE500-E-GN	A00044055
Neutral / Blue	LVE500-N-BL	078214-6103
Line 1 / Brown	LVE500-1-BN	078214-6100
Line 2 / Black	LVE500-2-BK	078214-6101
Line 3 / Grey	LVE500-3-GY	078214-6102
Installation Tool	LVE500H	A00044054

Insulated T-Piece Connector

The insulated T-Piece connector allows the user the option to split one phase into two or combine two phases into one by the quickest and safest possible means.

The Input and Output connectors are color coded and mechanically keyed the same to prevent connection errors.

All connectors are IPX2 rated when un-mated and come with the Secondary Locking as standard.



Order Information

Position A (x1): Panel Drain Finger Proof (PDFT) or Panel Source (PS)
Position B (x2): Panel Drain Finger Proof (PDFT) or Panel Source (PS)
Phase: 1, 2, 3, N, E
Color: Red (R), Yellow (Y), Blue (BL), Black (BK), Green (GN), Brown (BN), Grey (GY), White (W)
Amperage: 400 Amps (T4), 660 Amps (T6)

Version shown: APDFT-BPS-3-BL-T4

VEAM PowerLock

Insulated Generator Connectors

This compact unit incorporates a PowerLock generator input connection point with a rear termination area to accept solid alloy cable cores.

This enables a temporary mobile generator to be connected to an underground cable when repair work is undertaken.

The cable is excavated, cut and the PowerLock connector then fitted to the cable cores via 2 set screws. The generator cable end can then directly link into the underground cable.

After completion of the repair, the PowerLock fittings are simply removed and the main cable spliced using existing methods.



Insulated Underground Cable Generator Connector

Line / Color	Description Code	ITT Part Number
Neutral / Blue	LVJ900-N-BL	078214-9033
Line 1 / Brown	LVJ900-1-BN	078214-9030
Line 2 / Black	LVJ900-2-BK	078214-9031
Line 3 / Grey	LVJ900-3-GY	078214-9032
Ratchet Tool	LVJ900H	A0004406H

Insulated Overhead Line Clamp / Generator Connector

This device allows for direct connection of a generator unit to Low Voltage overhead line systems.

The unit consists of an insulated Line Clamp, 3 meters of 50mm² flexible copper cable and a PowerLock generator input cable, other lengths are available upon request.

The methods of connection is:

1. The copper or alloy overhead wire is cleaned to ensure good connection points.
2. The clamp is hooked onto the wire and tightened via the insulated clamp body.
3. The flexible cable is then strapped to the pole.
4. At the cable end, a PowerLock generator connection point is provided for connection of the generator cable.

The generator connection point offers all standard safety features associated with the PowerLock range, such as keys to distinguish phases, IP67 sealing and individual phase color coding.



Insulated Overhead Line Clamp

Line / Color	Description Code	ITT Part Number
Neutral / Blue	LVF600-N-BL	078214-6303
Line 1 / Brown	LVF600-1-BN	078214-6300
Line 2 / Black	LVF600-2-BK	078214-6301
Line 3 / Grey	LVF600-3-GY	078214-6302



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