

Power supply unit for control cabinet integration

Description

The Weigh Cell power supply unit is a complete connection unit for the direct connection of WIPOTEC Weigh Cells. It is especially designed for the integration into control cabinets with rail mounting systems.

The required +/- 15V for the Weigh Cell are generated by a 24 V DC direct input voltage. Apart from the power supply for the Weigh Cell the wiring of the required interfaces is realised by screw clamp connectors. The placing of shielded cable is facilitated by special cable clamps.

Generally the power supply unit operates with a RS 422 interface. Clip-on interface converters enable a physical transition to RS 232.

The RS 232 interface allows the direct communication with the Weigh Cell from a PC or Laptop for analysis and setting up purposes. LED's indicate the operating mode as well as operating voltages.

Features

- ▶ Rail mounting system for easy integration in control cabinet
- ▶ 24 V DC power supply
- ▶ Interface 1:
RS 422 or RS 232 (Weigh Cell connection)
- ▶ Interface 2:
RS 232 or RS 422 (monitoring interface)
- ▶ Interface conversion from RS 422 to RS 232 via clip-on module
- ▶ Ideally suited for connection of bus systems

Types and Options

- ▶ **65000440**
Rail mounting power supply unit 24 V DC type WZ-NT24 with RS 422 interface for Weigh Cell and PC connection
- ▶ **65000450**
Rail mounting power supply unit 24 V DC type WZ-NT24 with RS 422 interface, DC-isolated, for Weigh Cell and PC connection
- ▶ **65000460**
Rail mounting power supply unit 24 V DC type WZ-NT24 with RS 422 interface for Weigh Cell and RS 232 for PC connection
- ▶ **65000470**
Rail mounting power supply unit 24 V DC type WZ-NT24 with RS 422 interface, DC-isolated, for Weigh Cell and RS 232 for PC connection
- ▶ **65000475**
Rail mounting power supply unit 24 V DC type WZ-NT24 with RS 232 interface for Weigh Cell connection without PC connection (only power supply!)

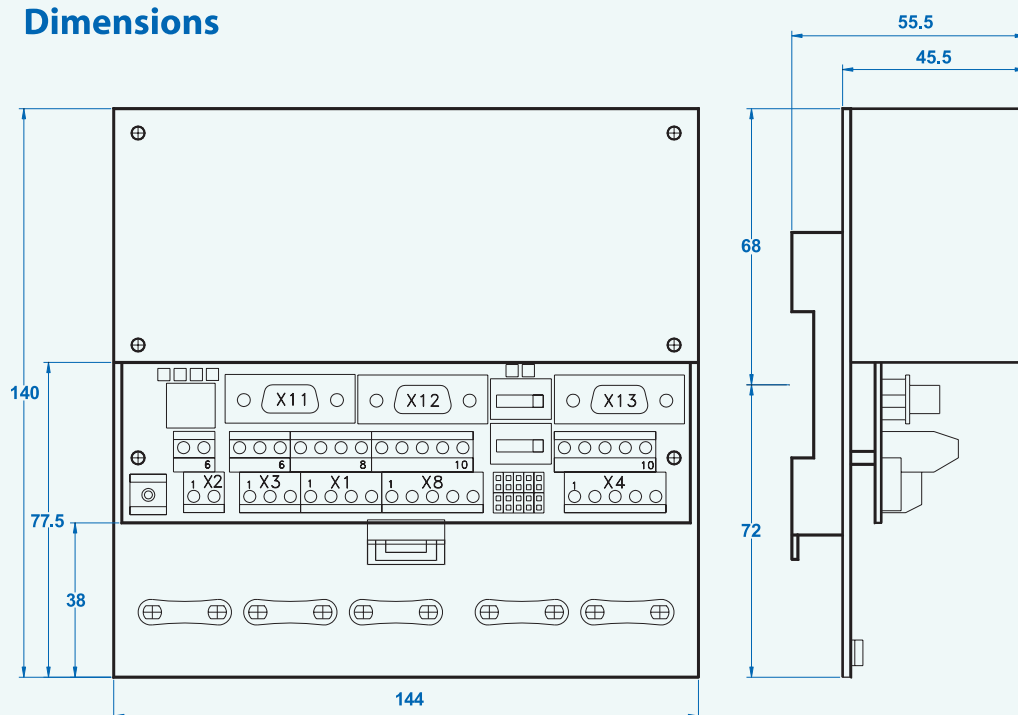


precision, that pays...

Technical data

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|--|---|
| Power supply nominal | 24 V DC +/- 5% |
| Maximum current input | 1.2 A |
| Internal generated voltages for the Weigh Cell | +15V, +/- 5%, 0.5A -15V, +/- 5%, 0.5A |
| Clip-on connectors for | 24 V DC-power supply (X2) Weigh Cell (X1;X8) Interface (w. network capab.) (X4) Binary 24 V DC switch control (X3) |
| Clamp-type terminal (SUBD9) | Spare (X11) RS 232 interface (X12) Bus system (X13) |
| Standard interface | RS 422 |
| Possible interface conversions (clamp-type modules) | RS 422 DC-isolated RS 232 DC-isolated RS 232 |
| Temperature range | -10°C up to +40°C |
| Maximum relative humidity | 70% (not condensing) |
| Dimensions (HxWxD) mm | 144 x 140 x 45 |
| Weight | approx. 800 g |

Dimensions



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