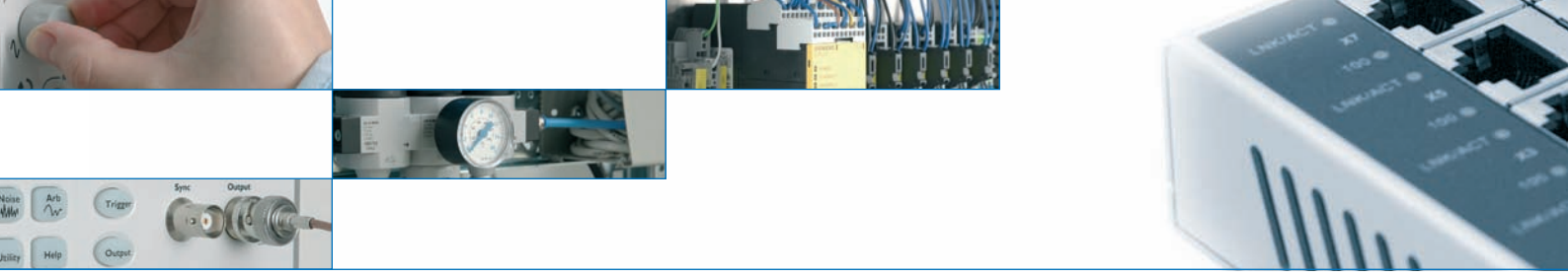




## ■ Power Distribution Unit

LX-PDU 32A | 3X32A | 63A | 3X63A



## Function

The LX Instruments Power Distribution Units (PDUs) are compact 19-inch assemblies that include the entire functionality required for the power supply of a test system. This means that devices can operate with both mains voltage and DC voltage supplied. With the soft on-off function, the PDU can be controlled remotely with potential-free contacts. Users benefit in several ways:

1. Simplified ordering process and reliable delivery times by ordering a ready developed solution
2. Modular configuration using appropriate options
3. Supplied operating instructions, wiring diagrams and CE declaration of conformity
4. Simple integration and installation thanks to predominantly pluggable designs connections
5. Available accessories and extensions

### Features:

1. 19-inch slide-in device, 3 U / 4 U (1U required above the unit for cooling)
2. Front panel RAL 7035
3. Single and three-phase versions available
4. Main switch for all-pole system disconnection on the input side
5. Residual current circuit breaker (type A) integrated as standard
6. Residual current circuit breaker (type B) optionally available
7. Service socket with a permanent supply integrated in the front
8. 3 outlets 10A (IEC14) for the connection of devices or socket strips
9. 1 outlet 10A (IEC14) with permanent supply for connecting a PC and peripheries
10. Separate protection of the circuits
11. Up to 3 fixed voltage direct current power supply units 50 W/120 W in 5 V, 12 V and 24 V ranges
  - Short-circuit protection
  - Phoenix contact connector (10 pins) for supplying external components
  - All necessary plugs are included
12. Optional emergency stop circuit with remote actuation and acknowledgment button for controlled restart
  - External connections for remote emergency stop buttons
  - 2 channel control circuits
  - Linking with further buttons or other emergency stop units
  - Performance level „d“ according to EN ISO 13849-1 (PLd)
  - Additional expansion of the emergency stop control enables the performance Level „e“ (PLe)
13. Accessories available to simplify procurement and integration

## Configuration

### Basic devices:

#### LX-PDU-01-10G / LX-PDU-01-13G

Single-phase unit for primary on-site 16 A connection

#### LX-PDU-03-13G

Three-phase unit for primary on-site 16 A connection

#### LX-PDU-03-25G / LX-PDU-03-32G

Three-phase unit for primary on-site 32 A connection

#### LX-PDU-32A-3X32G

Three-phase unit for primary on-site 3 x 32 A connection

#### LX-PDU-03-63G

Three-phase unit for primary on-site 63 A connection

#### LX-PDU-63A-3X63G

Three-phase unit for primary on-site 3 x 63 A connection

#### LX-PDU-125-63G

Three-phase unit for primary on site 125 A connection



## Options and Accessories:



LX-PDU-01-10G / LX-PDU-01-13G: single-phase basic unit



LX-PDU-03-63G: three-phase basic unit

- LX-PDU-DC1 Extension 5 V DC connection
- LX-PDU-DC2 Extension 12 V DC connection
- LX-PDU-DC3 Extension 24 V DC connection

- LX-PDU-130-13A Extension of control according to performance level „e“
- LX-PDU-130-25A Extension of control according to performance level „e“
- LX-PDU-130-32A Extension of control according to performance level „e“
- LX-PDU-130-63A Extension of control according to performance level „e“

- LX-PDU-RCD 40A type B, FI switch, universal current sensitive, 40 A, 4p, 30 mA
- LX-PDU-RCD 63A type B, FI switch, universal current sensitive, 63 A, 4p, 30 mA

- LX-PDU-156-16A CEE, connection, 1-phase, 3 m
- LX-PDU-157-16A CEE, connection, 3-phase, 3 m
- LX-PDU-158-32A CEE, connection, 3-phase, 3 m
- LX-PDU-159-63A CEE, connection, 3-phase, 3 m

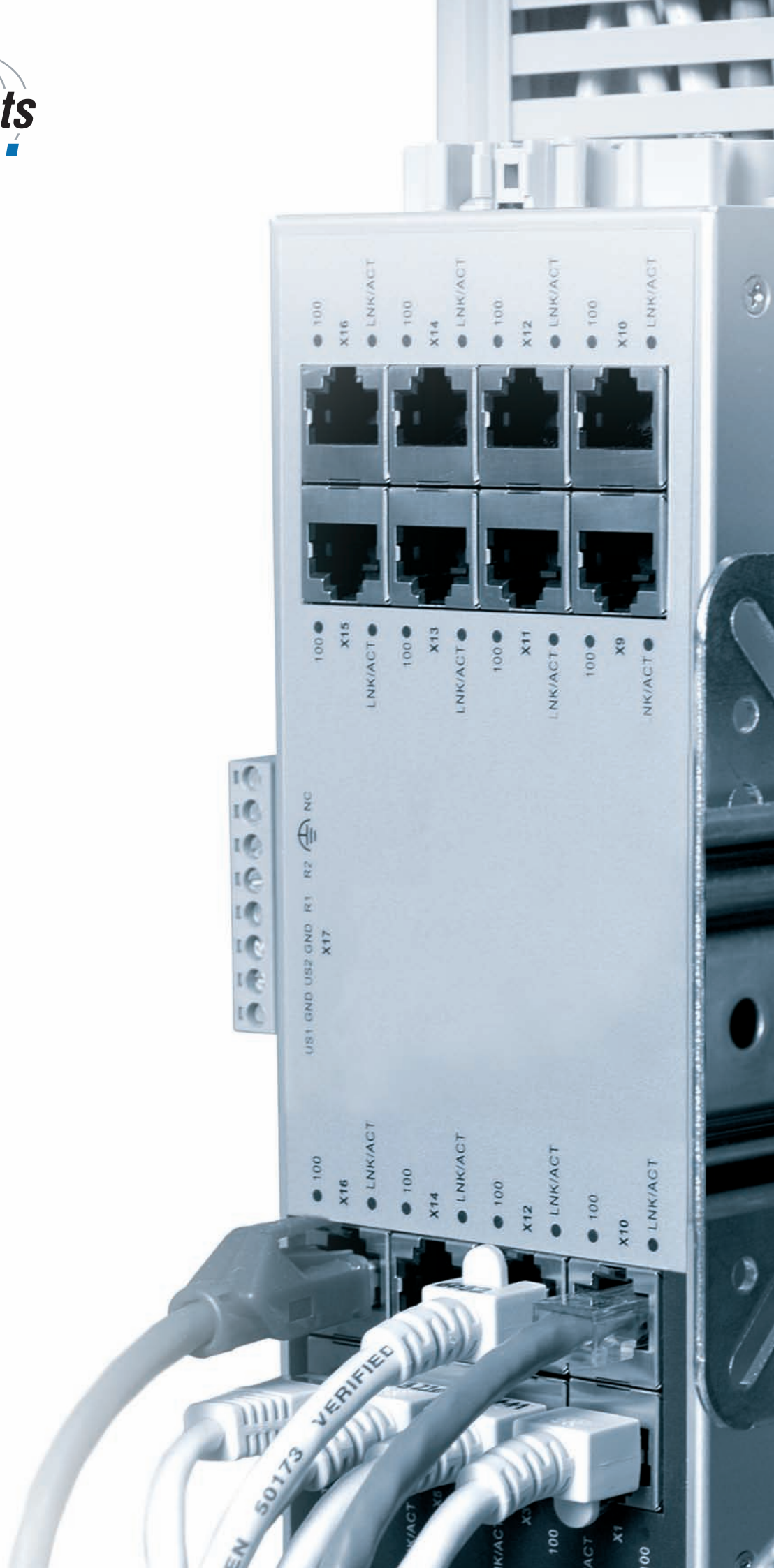
- LX-PDU-170 ON/OFF-button for LX-PDU-01 and LX-PDU-03
- LX-PDU-180 Emergency stop button for LX-PDU-01 and LX-PDU-03
- LX-PDU-190 Emergency stop foot palm button for 5 m cable

- LX-PDU-150 IEC 320 power cord plug to socket 0.5 m
- LX-PDU-151 IEC 320 power cord plug to socket 1 m
- LX-PDU-152 IEC 320 power cord plug to socket 2 m
- LX-PDU-153 IEC 320 power cord plug to socket 3 m

- LX-PDU-160 IEC 320 socket strip with 8 sockets, 10 A microfuse, 2.5 m connection cable with IEC 320 plug, incl. 19 “mounting bracket







## Contact

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