



e-berle EOR-3DS Earth Fault and Short Circuit Indicator Installation Guide

[Home](#) » [e-berle](#) » e-berle EOR-3DS Earth Fault and Short Circuit Indicator Installation Guide 

Contents

- [1 e-berle EOR-3DS Earth Fault and Short Circuit Indicator](#)
- [2 Product Information](#)
- [3 Product Usage Instructions](#)
- [4 Documents / Resources](#)
- [5 Related Posts](#)



e-berle EOR-3DS Earth Fault and Short Circuit Indicator



Product Information

This product is an Earth Fault and Short Circuit Indicator manufactured by A. Eberle GmbH & Co. KG. The model

number of this indicator is EOR-3DS. For more detailed operating instructions, please visit the website www.a-eberle.de.

Contact Information:

- **Telephone:** +49 (0) 911 / 62 81 08 0
- **Telefax:** +49 (0) 911 / 62 81 08 99
- **Email:** info@a-eberle.de
- **Website:** www.a-eberle.de

Product Usage Instructions

Installation

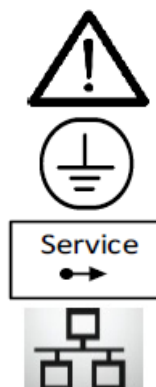
1. Follow the installation instructions provided by the manufacturer.

Operation / Display

- Always keep the operating instructions with the unit.
- Ensure that the device is never operated in a damaged or compromised condition.
- Only allow specialized personnel to operate the unit.
- Connect the device according to the manufacturer's installation instructions.
- Do not operate the device beyond its stated ratings.
- Avoid installing or operating the device in environments where explosive gases, dust, or vapors may be present.
- Ensure that protective covers are always in place and functional.
- Observe the five safety regulations according to DIN VDE 0105.
- Clean the appliance only with commercially available detergents.

Please note that these installation instructions may not always contain the latest information. It is recommended to check the manufacturer's website for the most up-to-date version of the instructions.

For any warranty claims, please contact A. Eberle GmbH & Co KG in Nuremberg or use the RMA formular on their website www.a-eberle.de. For disposal of old devices, refer to the information provided on the manufacturer's homepage: <https://www.a-eberle.de/ueber-uns/ruecknahme-recycling/>.





EOR-3DS in control panel cut out



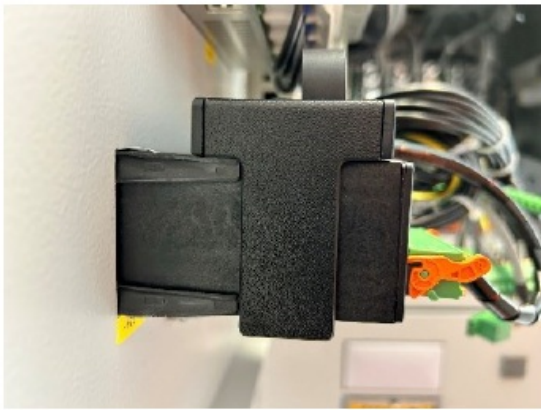
EOR-3DS mounted on a DIN rail



Mounting the DIN rail adapter onto the EOR-3DS



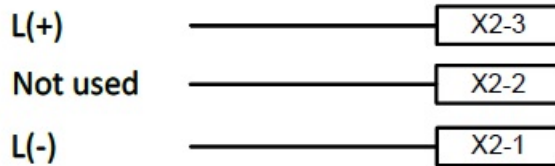
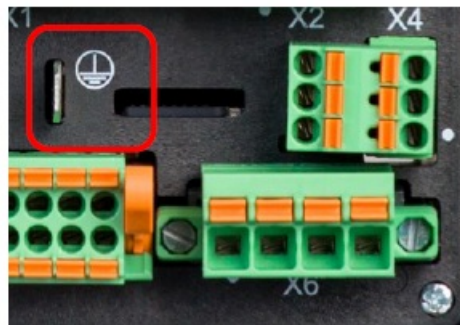
Mounting the additional braces onto the EOR-3DS



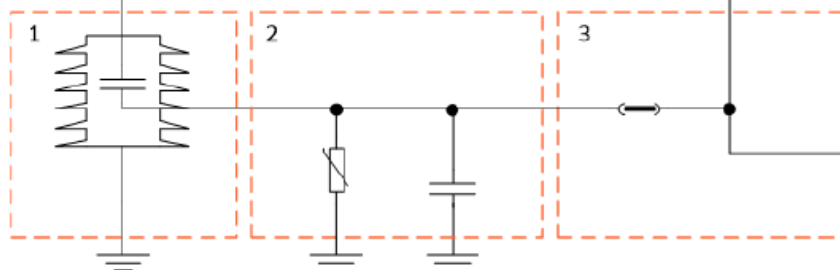
EOR-3DS with C25 adapter



EOR-3DS with C21 and U10 adapter

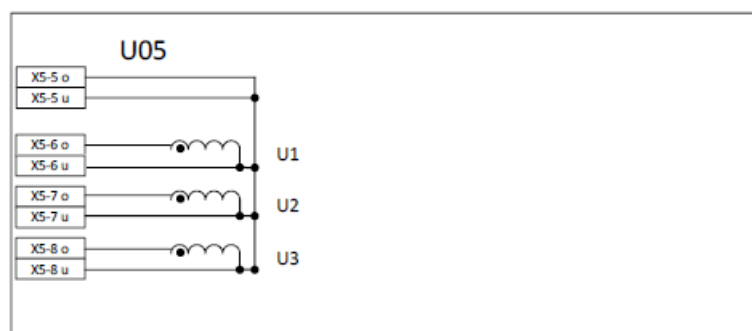


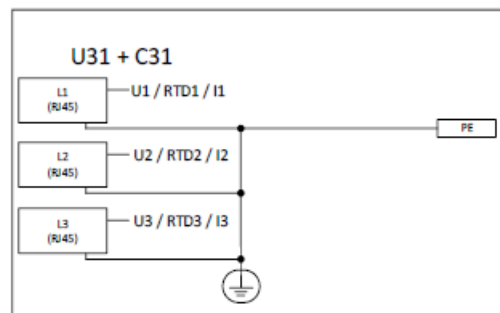
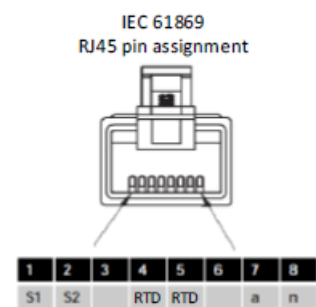
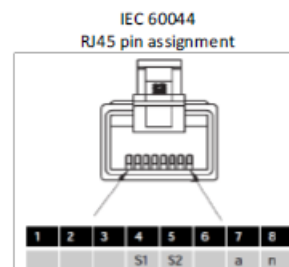
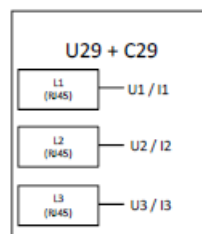
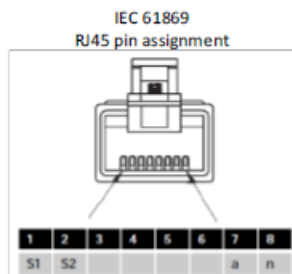
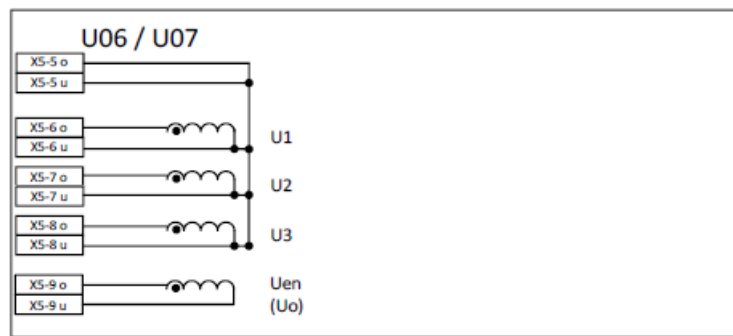
primary part (high voltage)



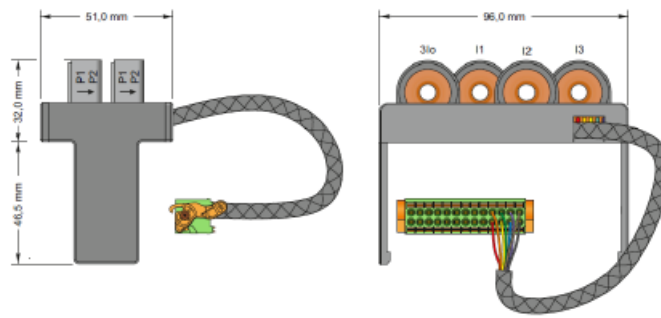
capacitive voltage
detecting system

EOR-3DS

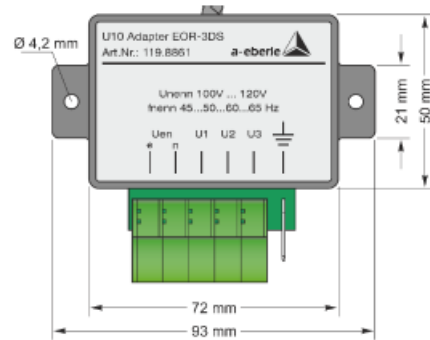




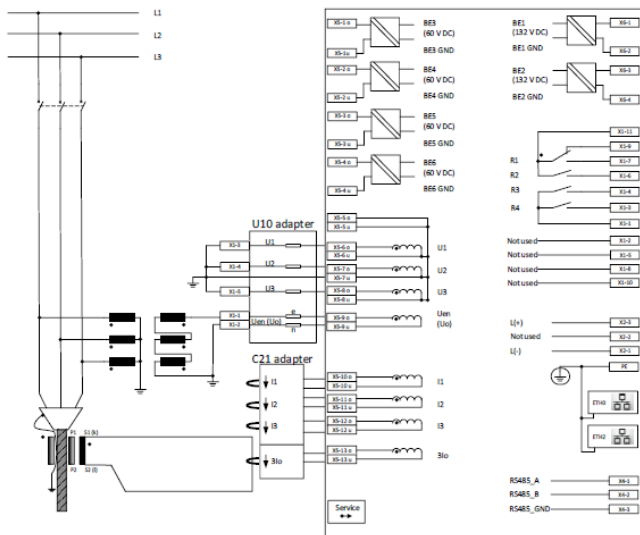
Terminal assignment for characteristic C31/U31



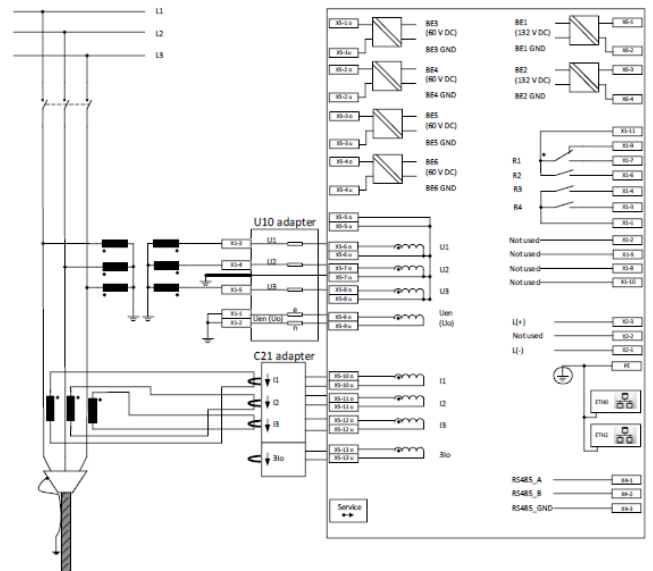
Plug-on adapter C21 for current transducers



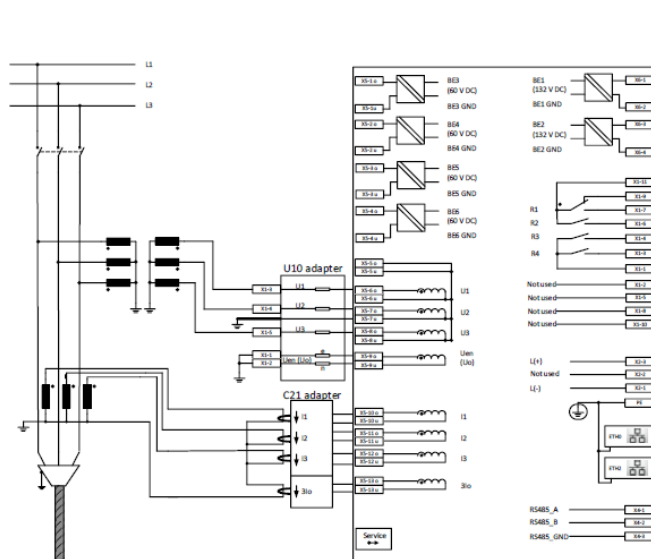
U10 adapter for voltage measurement 100 V / 110 V



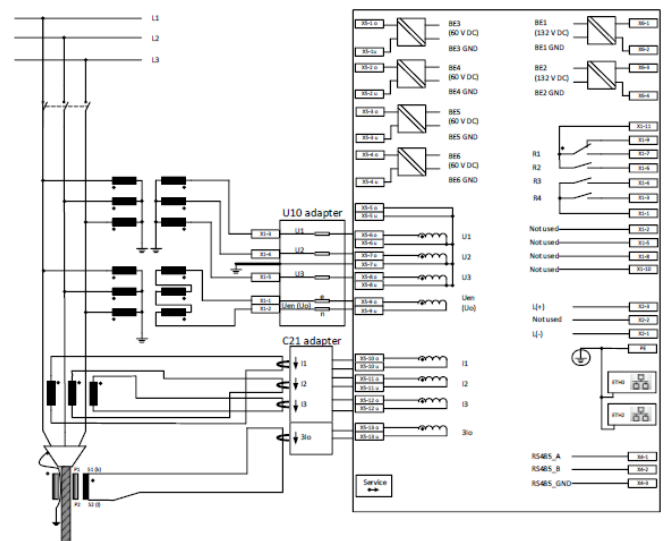
Connection of zero sequence voltage (U_0) and total current ($3I_0$) to EOR-3DS using U10 and C21/C25 adapters



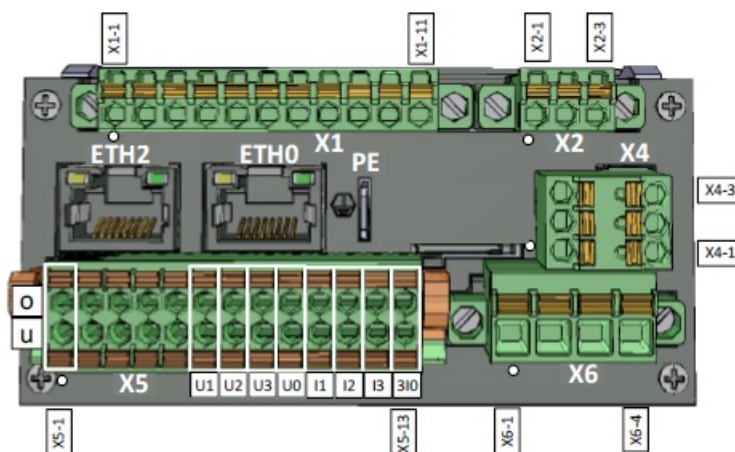
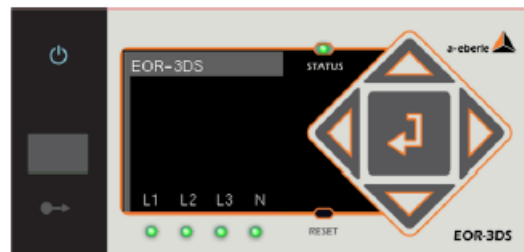
Connection of the phase voltages and phase currents to the EOR-3DS using U10 and C21 adapters



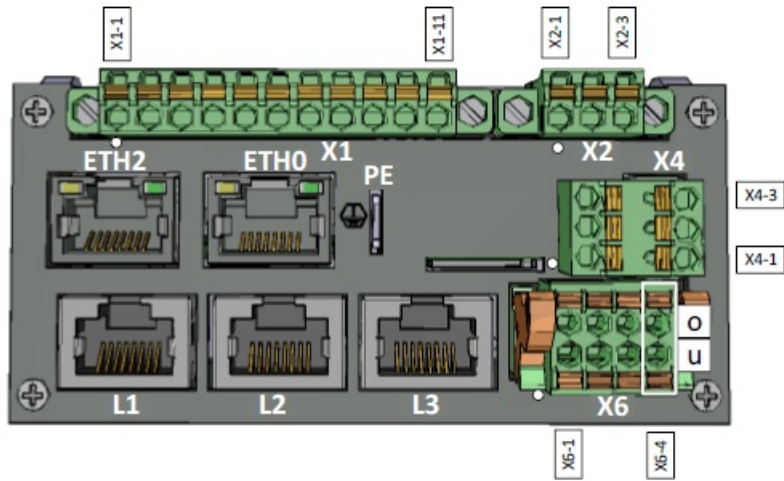
Connection of the phase voltages and phase currents with the neutral point in bus-bar direction using U10 and C21 adapters



Connection of the phase voltages and phase currents with the neutral point in feeder direction as well as zero sequence voltage (U_0) and sum current ($3I_0$) using U10 and C21 adapters




Connector blocks EOR-3DS with features U05/U06/U07/U10 and C10/C21/C25 without additional adapter for the features U10/C21/C25



Connector blocks EOR-3DS with order characteristics C29/U29 or C31/U31C21/C25

Documents / Resources

	<p>e-berle EOR-3DS Earth Fault and Short Circuit Indicator [pdf] Installation Guide 584.0891.01, EOR-3DS Earth Fault and Short Circuit Indicator, Earth Fault and Short Circuit Indicator, Short Circuit Indicator, Indicator</p>
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