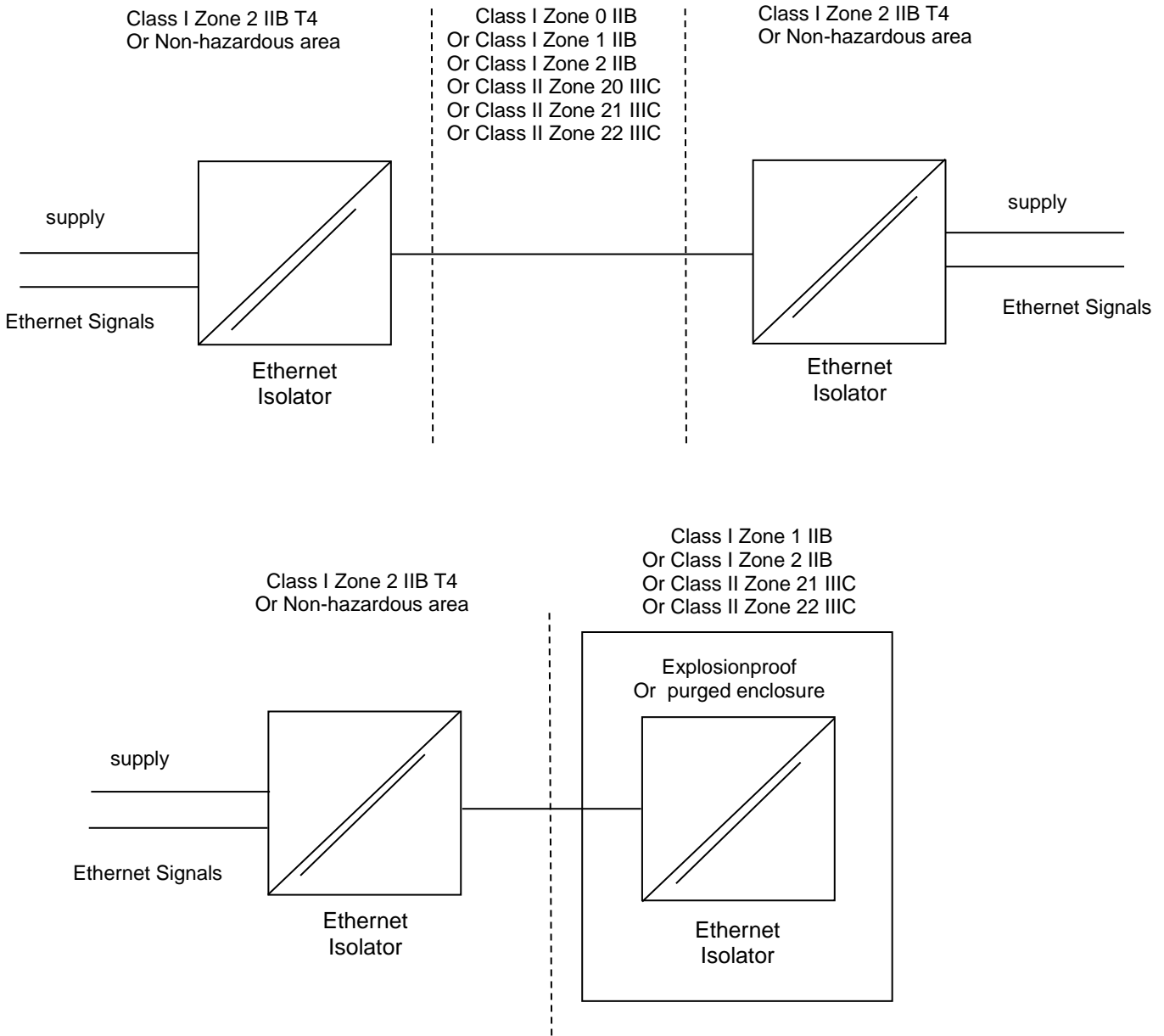



Connections



This document contains safety-relevant information. It must not be altered without the authorization of a NE EX		
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	Installation drawing for EI-0D2-10Y-10B Intrinsically safe Ethernet Isolator	116-B032
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■ **Conditions of safe use**

1. For the application as category-3 equipment the Ethernet Isolator, type EI-0D2-10Y-10B*** shall be installed into a housing which fulfills a minimum degree of protection of IP 54 according to the requirements of ANSI/UL 60079-15.
2. In an ambient temperature range from -40 °C to -25 °C the ethernet interface contacts (RJ45) of the Ethernet Isolator, type EI-0D2-10Y-10B*** must not be plugged or un-plugged or mechanically stressed in any other way.
3. The Intrinsically safe Ethernet connection cable shall have following parameters:
 - a. Ethernet cable with a maximum length of 100 m OR
 - b. A maximum L/R-ration of 10μH/Ω
4. **⚠ WARNING – EXPLOSION HAZARD. DO NOT CONNECT OR DISCONNECT THIS EQUIPMENT UNLESS POWER HAS BEEN REMOVED OR THE AREA IS KNOWN TO BE NONHAZARDOUS.**
AVERTISSEMENT – RISQUE D-EXPLOSION. NE PAS DEBRANCHER TANT QUE LE CIRCUIT EST SOUS TENSION, A MOINS QU'IL NE S'AGISSE D'US EMPLACEMENT NON DANGEREUX.
5. **⚠ CAUTION - READ AND UNDERSTAND MANUFACTURERS INSTRUCTIONS BEFORE INSTALLATION AND USE.**
ATTENTION - LIRE ATTENTIVEMENT LE INSTRUCTIONS DE FABRICANT AVANT L'INSTALLATION ET L'UTILISATION.
6. **⚠ WARNING- SUBSTITUTION OF COMPONENTS MAY IMPAIR INTRINSIC SAFETY**
AVERTISSEMENT- LA SUBSTITUTION DE COMPOSANTS PEUT COMPROMETTRE LA SECURITE INTRINSEQUE.
7. The DC supply voltage (19.2-35Vdc) shall be supplied from a SELV or PELV source. The SELV or PELV source shall have a maximum supply voltage $U_m = 253V_{ac}$
8. Ethernet connections are for standard Ethernet signals, Power over Ethernet is not supported.

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