

LB Backplane type LB 9xxx *

UL-File Number E106378

Non Hazardous Location

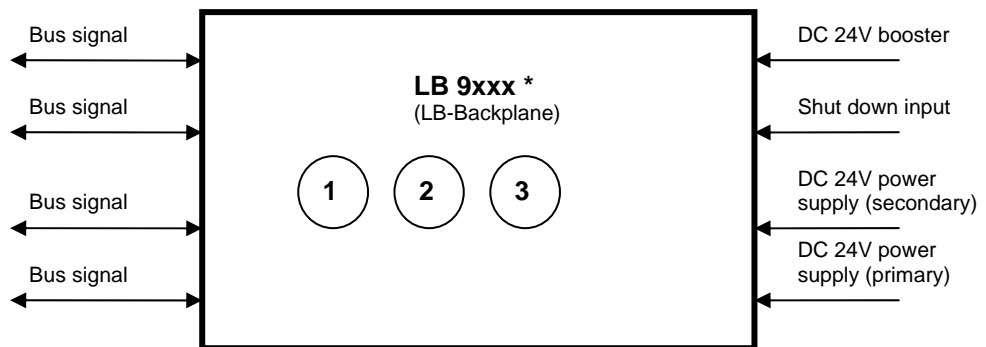
or

Hazardous (Classified) Location


Class I, Division 2, Groups A,B,C,D

or

Class I, Zone 2, Group IIC



① ③ see notes next side !

Dieses Dokument enthält sicherheitsrelevante Angaben. Es darf nicht ohne Absprache mit dem Normenfachmann (NE Ex) geändert werden!		
This document contains safety-relevant information. It must not be altered without the authorization of the norm expert (NE Ex)!		
CONFIDENTIAL acc. to ISO 16016	Only valid as long as released in EDM	date: 2014-Mar-21
 PEPPERL+FUCHS	Control Drawing	116-0325
	Worldwide	LB-Backplane LB 9xxx *
		sheet 1 of 2

Notes:

1. The maximum rms or dc U_m that can be applied is:
 - 60V for power supply-, booster- and shut down inputs
 - 30V for bus signal inputs (communication inputs).
2. Minimum equipment on a LB Backplane: one power supply module, one gateway module and one I/O module
Maximum equipment on a LB Backplane (is depends on the backplane variant) e.g. LB 9022 *: three power supply modules, two gateway modules and 22 I/O modules.
3. The LB Remote I/O are rated 'Nonincendive'. If the LB Remote I/O is intended to be mounted in a Division 2 location, they must be mounted in an enclosure with a minimum ingress protection of IP2X. If the LB Remote I/O is intended to be mounted in a Zone 2 location that is subject to contamination by water or dust, they must be mounted in an enclosure with a minimum ingress protection of IP54. If the LB Remote I/O is intended to be mounted in a Zone 2 indoor location that is not subject to contamination by water or dust, they must be mounted in an enclosure with a minimum ingress protection of IP4X. The enclosure must be able to accept Division 2 / Zone 2 wiring methods. A temperature rating of T4 applies to all nonincendive rated LB Remote I/O.

WARNING – EXPLOSION HAZARD – Do not disconnect the equipment or actuate switches **when** the equipment is energized and an explosive atmosphere is present.

AVERTISSEMENT – RISQUE D'EXPLOSION – Ne pas débrancher l'équipement et ne pas actionner les commutateur lorsque l'équipement est sous tension et exposé à une atmosphère explosive.

WARNING – EXPLOSION HAZARD – Substitution of components may impair intrinsic safety and suitability for use in Class I, Division 2 / Zone 2


AVERTISSEMENT – RISQUE D'EXPLOSION – Le remplacement des composants peut altérer la sécurité intrinsèque et l'adéquation à une utilisation en Classe I, Division 2 / Zone 2.

UL Notes:

- LB Remote I/O must be installed in an enclosure that meets the requirements of ANSI/ISA S82.01 and NEC resp. ANSI/ISA 12.12.01-2007

c-UL Notes:

- LB Remote I/O must be installed in an enclosure that meets the requirements of the Canadian Electrical Code, CSA C 22.1; Part 1 Appendix F.

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