LORF0101 Obelix Power Supply Ex ib Intrinsically Safe 110V / 12V 2A IEC Ex ib

The LORF0101 Obelix Mining PLC Intrinsically-safe (I.S.Ex ib) Power Supply is a universal power source for Obelix IS PLC Modules and field devices used in Group I hazardous area mining applications

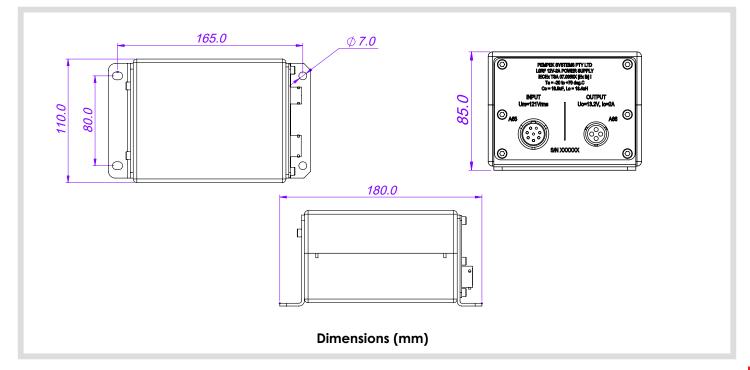
The LORF0101 model has been designed and certified under the IEC Ex scheme

The LORF0101 model features:

- 110-volt a.c. nominal supply input (Um = 121VAC)
- 12-volt d.c. I.S. nominal output (Uo = 13.2VDC / Io = 2A)
- Convenient, keyed, pre-fabricated cable assemblies for easy, reliable installation

Specifications

- **PLC Family:** Obelix
- Module Type: Power Supply (I.S. Ex ib)
- Supply Input: 110VAC (+/- 10%) / 30 Watts (Um = 121VAC Max)
- Supply Output: 12VDC (I.S.) / 25 Watts (Max)
- Data Communications: None
- Operating Temperature: -20°C to 70°C
- Inputs: None
- Outputs: None
- Connector 1: Obelix A65 (110VAC Input)
- Connector 2: Obelix A66 (12VDC I.S. Output)



Datasheet-LORF0101

© Pempek 1985 – 2022 www.pempek.world | sales@pempek.world | 3/13 Hoyle Ave Castle Hill NSW 2154 | +61 02 8853 4800

Pempek Systems Pty Ltd ACN 622 172 721 (Pempek) is the owner of all intellectual property rights subsisting in all of its products, software and hardware, as well as all product information contained in this document (including without limitation in respect of all copyright, designs and know-how). Your use of Pempek's products and intellectual property is strictly subject to: Pempek's Licence Terms and Conditions, which are accessible here: https://pempek.world/terms-and-conditions/#PempekIntellectualPropertyLicenceAgreement

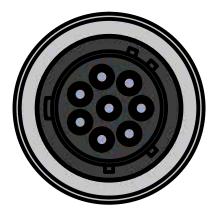
Pempek's Product Terms and Conditions are accessible here: https://pempek.world/terms-and-conditions by requesting Pempek to provide its products and services to you, or by continuing to use Pempek's products and services, you confirm your acceptance of the terms and conditions specified above. You agree and acknowledge that these terms form a legally binding agreement between you and Pempek. Pempek reserves the right to amend its terms and conditions at any time.



LORF0101 Obelix Power Supply Ex ib Intrinsically Safe 110V / 12V 2A IEC Ex ib

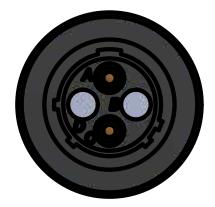
CONNECTOR A65

	Connector A65 8 Pin Male Burndy	
No	PIN	Name
1	А	Neutral
2	В	Safety Earth A
3	С	Safety Earth B
4	D	Safety Earth A
5	E	Safety Earth B
6	F	Safety Earth A
7	G	Safety Earth B
8	н	110V AC Input



CONNECTOR A66

	Connector A66 4 Pin Female Burndy	
No	PIN	Name
1	А	OV IS
2	В	Not Connected
3	С	I.S. 12V/2A
4	D	Not Connected



Datasheet-LORF0101

© Pempek 1985 – 2022 www.pempek.world | sales@pempek.world | 3/13 Hoyle Ave Castle Hill NSW 2154 | +61 02 8853 4800

Pempek Systems Pty Ltd ACN 622 172 721 (Pempek) is the owner of all intellectual property rights subsisting in all of its products, software and hardware, as well as all product information contained in this document (including without limitation in respect of all copyright, designs and know-how). Your use of Pempek's products and intellectual property is strictly subject to: Pempek's Licence Terms and Conditions, which are accessible here: https://pempek/subject.to: Pempek's Licence Terms and Conditions/#PempekIntellectualPropertyLicenceAgreement

Pempek's Product Terms and Conditions are accessible here: <u>https://pempek.world/terms-and-conditions</u> by requesting Pempek to provide its products and services to you, or by continuing to use Pempek's products and services, you confirm your acceptance of the terms and conditions specified above. You agree and acknowledge that these terms form a legally binding agreement between you and Pempek. Pempek reserves the right to amend its terms and conditions at any time.