## LORF0201 Obelix Power Supply Ex ib Intrinsically Safe 110V / 11V8 1A5 MSHA

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

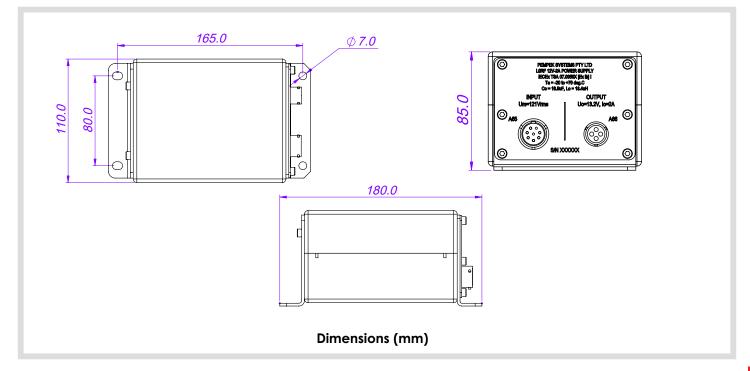
The LORF0101 model has been designed and certified under the IEC Ex scheme

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-LORF0201

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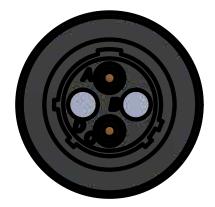
## **CONNECTOR A65**

	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



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