



Intrinsically safe power supply LN-xxx-12ia

TEVE VARNOST ELEKTRONIKA

DESCRIPTION, APPLICATION



Power supply type LN-xxx-12ia is designed for use in underground mining applications. It converts an AC supply voltage into a stabilized and regulated intrinsically safe source for supplying power to approved sensors and electronic control devices. Power supply LN-xxx-12ia is designed to be mounted into Ex e enclosure.

Connection terminal blocks type are connectors and mounting plate (bottom side of enclosure) allows easy mounting on batten DIN NS-35.

TECHNICAL DATA



Type:	LN-042-12 ia	42 VAC
	LN-115-12ia	115 VAC
	LN-230-12ia	230 VAC
Output voltage (Un)	12,6 V	
Output current (In)	230 mA	
Intrinsically safe parameters:	Uo = 14,28 VDC	
	Io = 1,127 A	
	Co = 19,64 µF	
	Lo = 700 µH	
Working temperature range	-20°C ... +40°C	
Dimensions	60x110x90 mm	
Explosion protection	I M2(M1) Ex e mb [ia] I Mb	

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