Emphatec SigNext® - CLIx/8/22.5

8 Channel Loop Isolator

Features

- Requires 22.5mm of DIN rail; just 2.8mm per channel!
- Loop powered inputs and outputs
- Plug and socket connections

The Emphatec SigNext® - CLIx/8/22.5 is the perfect solution when panel space is limited. The campact packaging results is a per channel width of just over 2.8mm and plug and socket connections make installation easy.

3000V of isolation between channels and between input-output is more than enough to eliminate ground loops.

Transformer coupling means the output is powered from the input - no power supply is required in the output circuit. It provides fast response time and excellent accuracy. Because power is being coupled across the isolator the voltage drop measured across the input terminals varies according to the output loop impedance. For this reason transformer coupled loop isolators do not have an input impedance specified in ohms.

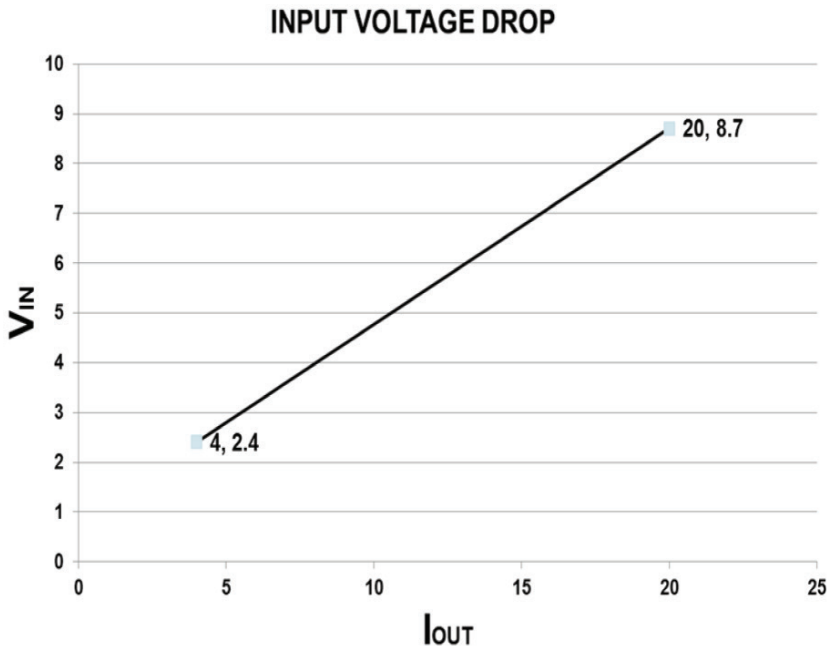
Ordering Data

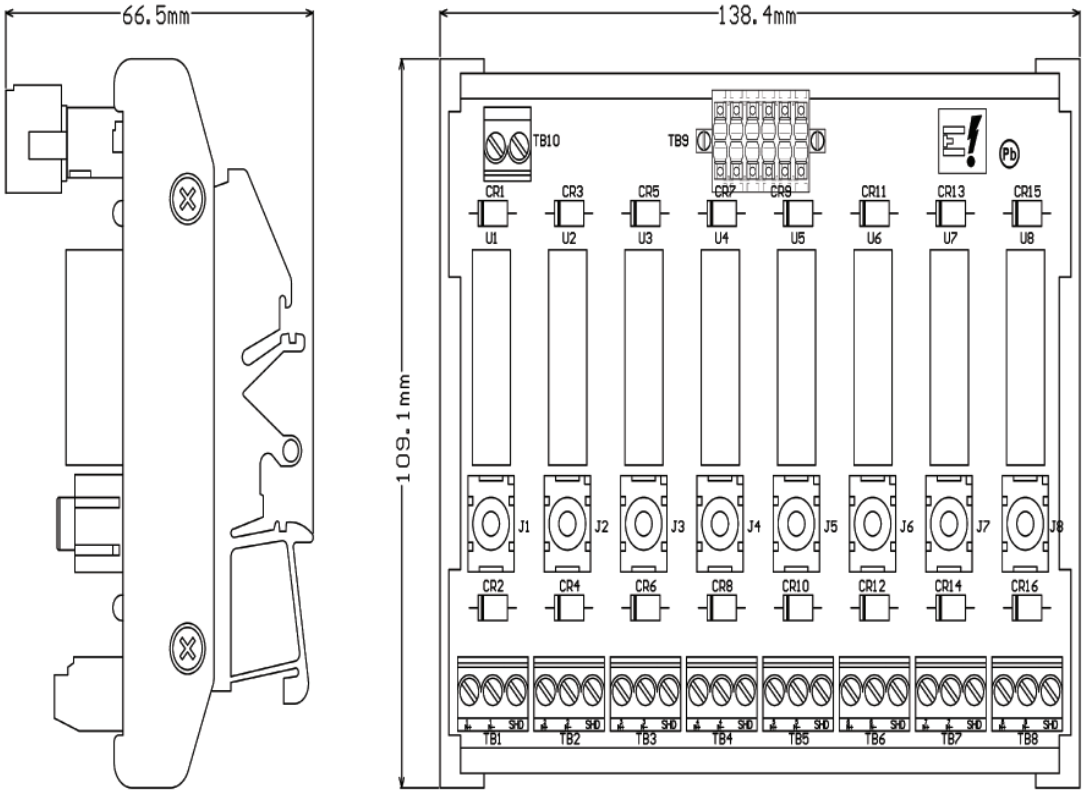
Type	Order Number
Emphatec SigNext® - CLIx/8/22.5 8 Channel Loop Isolator	**330501**

klippon engineering

Technical Data

Emphatec SigNext® - CLIx/8/22.5 : 8 Channel Loop Isolator	
Order Number	**330501**
Input range:	4-20mA
Input voltage drop:	see curve below 2.4V@4mA 8.7V@20mA 250Ω load
Output range:	4-20mA
Output load:	250Ω max
Configuration:	8 channels Inputs are loop powered Outputs are powered from input Outputs use common return
Accuracy:	0.03% at 25°C, 250Ω load 0.1% at 25°C, 10Ω load
Response time:	20ms
Isolation:	3KV for 1 minute input-output / input-input Transformer coupling
Temperature - operating:	-20°C to +40°C
Terminations - Input:	Screw terminals 26-12AWG, 6mm stripping length, 0.5-0.6Nm torque
Terminations - Output:	Plug and socket connector, tension clamp terminations 26-16AWG 10 mm stripping length
Mounting:	32mm and 35mm DIN rails
Approvals:	UL recognized E353068





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