

THE PROCESSLINE SERIES

RS485 - RS485 Isolation Protection

12-00872

Features

- Eliminates ground loops
- Very high isolation
- Effective lightning protection
- High data rates supported
- Data conversion
- Signal Regeneration and line driver capability

These DIN rail mount protectors provide high galvanic isolation and induced lightning protection between two communications devices for example PLC and machine

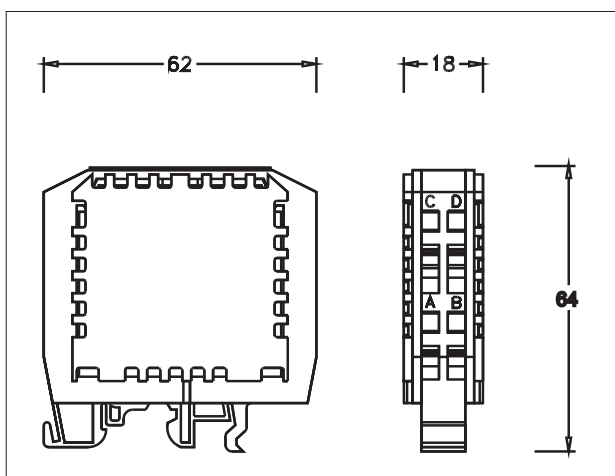
A wide range of products support all popular communications protocols such as RS2432, RS422 & RS485.

The optopac range includes RS232 to RS422 data conversion drivers.



| Specifications | RS485-RS485 |
|---|-------------|
| Maximum operating voltage | +/-5Vp |
| Signal lines (copper) | Rx / Tx |
| Transmission mode | 2 to 2 |
| Number of wires (copper) | Half Duplex |
| Data speed | >1Mbits/s |
| Transmission Distance | >1000M |
| Maximum discharge current-differential mode | 100A (8/20) |
| Residual voltage - differential mode (1kV 1.2/50) | <22V |
| Input - Output isolation | >4kV |

Dimensions



Designed and Manufactured by:

Clearline Protection Systems (Pty) Ltd

Roan Crescent Corporate Park North, Old Pta Road, Midrand, South Africa

P.O. Box 5985, Halfway House, 1685

Tel: +27 (0) 11 848-1111

Fax: +27 (0) 11 314-3880

E-mail: sales@clearline.co.za

www.clearline.co.za

