

**SPIDER-SL-40-08T1999999SY9HHH**

Part Number: 942 132-004

Part Number: 942 132-004

Unmanaged Industrial ETHERNET Rail Switch, store and forward switching mode, 10/100/1000 Mbit/s Ethernet

## Product Description

The unmanaged entry-level industrial Ethernet rail switch has up to eight Fast Ethernet or Gigabit Ethernet ports. Two of the eight ports can be fiber optic. Due to the increasing amount of Ethernet-based field devices, there is a need for switches with a higher port count and data rates. Their smaller size makes installation simple and fast, meaning there's no need for extensive configuration.

SPIDER III unmanaged switches provide a low-cost entry into industrial Ethernet technology. The devices are future proof due to Gigabit speed, which offers the ability to transmit large volumes of data quickly without disruptions. These switches take advantage of the latest technology from Hirschmann, resulting in increased performance while reducing costs.

## Product Specifications

### Ambient conditions

Operating temperature:	0-+60 °C
Storage/transport temperature:	-40-+70 °C
Relative humidity (non-condensing):	10-95 %
MTBF (Telcordia SR-332: Gb 25):	1207249 h

### Electrical interfaces

Power supply/signaling contact:	1 x plug-in terminal block, 3-pin
---------------------------------	-----------------------------------

### EMC emitted immunity

FCC CFR47 Part 15:	FCC CFR47 Part 15 Class A
EN 55022:	EN 55022 Class A

### EMC interference immunity

Electroustic Ltd

[www.electroustic.co.uk](http://www.electroustic.co.uk)

+44 (0)1908 307200

EN 61000-4-2 electrostatic discharge:	4 kV contact discharge, 8 kV air discharge
EN 61000-4-3 electromagnetic field:	10 V/m (80 - 1000 MHz)
EN 61000-4-4 fast transients (burst):	2 kV power line, 4 kV data line
EN 61000-4-5 surge voltage:	power line: 2 kV (line/earth), 1 kV (line/line), 1 kV data line
EN 61000-4-6 conducted immunity:	10 V (150 kHz-80 MHz)

## IIT.Approvals

Safety of industrial control equipment:	cUL 61010-1/61010-2-201
---	-------------------------

## Mechanical construction

Dimensions:	38 mm x 102 mm x 79 mm (w/o terminal block)
Protection class:	IP30
Mounting:	DIN Rail

## Mechanical stability

IEC 60068-2-27 shock:	15 g, 11 ms duration, 18 shocks
IEC 60068-2-6 vibration:	3.5 mm, 5-8.4 Hz, 10 cycles, 1 octave/min; 1 g, 8.4-150 Hz, 10 cycles, 1 octave/min

## Network size - cascability

Line - / star topology:	any
-------------------------	-----

## Network size - length of cable

Twisted pair (TP):	0 - 100 m
--------------------	-----------

## Physical Characteristics

Weight:	170 g
---------	-------

## Power requirements

Current consumption at 24 V DC:	Max. 200 mA
Operating voltage:	12/24 V DC (9.6 - 32 V DC)
Power output in Btu (IT) h:	Max. 4.8 W, 16.3 Btu (IT)/h

## Product description

**Port type and quantity:**

8 x 10/100/1000BASE-T, TP cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity

## Scope of delivery and accessories

**Scope of delivery:**

Device, terminal block, safety instruction

© 2016 Belden, Inc

All Rights Reserved

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an 'AS IS' basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.