VISION.NET MODULE - DATA SPLITTER (4 WAY)

The Vision.Net 4-Way Splitter Module provides 1x4 splitting of a Vision.Net hardwire control signal to Vision.Net keypads, control stations, touchscreens, and other Vision.Net components. This UL listed and plenum rated 4-way splitter can be DIN rail or surface mounted anywhere in the system, for easy delivery of power and data up to 1,000' from the splitter.
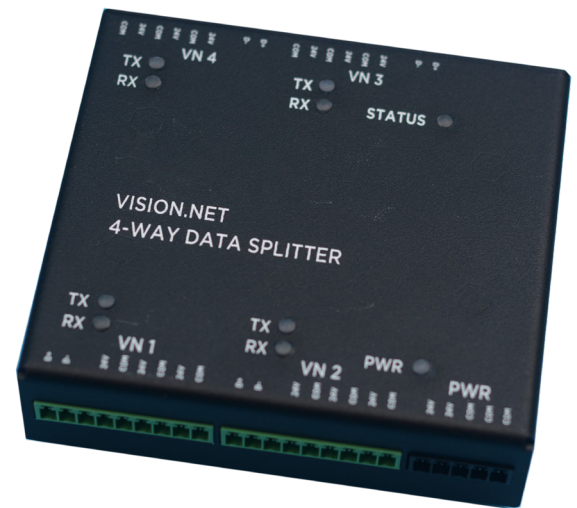
- 1x4 hardwired Vision.Net control signal splitting – Minimize failure points by reducing the amounting of wiring and daisy chaining in a system design
- Connect devices up to 1000' away – longer distances on a single cable run
- 35mm DIN Rail mounting - easy to install either to Vision. Net or off the shelf DIN rail mounting materials
- UL listed and plenum rated - safe and secure operation

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Specifications

Due to continuous improvements and innovations, specifications may change without notice.

Electrical

Power Source	Vision.Net network
Supply Voltage	18-26 V DC
Input Current	4 A @ 24 V DC
Output Current	1.1 A @ 24 V DC

Data

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DC Power in Connector	1 x 5-position plug-in PCB Header
	*Recommended cable type: 16 AWG
Indicators	10 x status LEDs
Vision.Net(RS485) connector	4 x 9-position plug-in PCB Header
*Recommended cable type:Belden 1583a, CAT5e, 24 AWG, Solid	

Installation

Mounting	DIN rail
DIN Modules (standard unit)	6SU
DIN Rail Compatibility	TS35/7.5

Certification and Safety

Ingress protection rating	IP 20
Approbations	UL, cUL, CE, RCM
Conformity	EU Safety: EN 62368-1, EU RoHS: EN 50581, US Safety: UL 62368-1, UL 2043 (Plenum), Canada Safety: CSA C22.2 62368-1, Other: DIN43880, IEC 60715

Dimensions
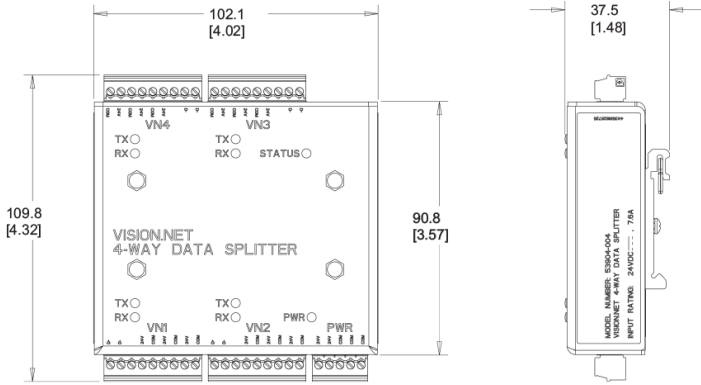
Physical

Construction	Cold rolled steel, 18 gauge
Housing Color	Black, Fine texture, powder coated
Dimensions (H x W x D) w/DIN-rail mount, connectors	109.8 x 102.1 x 37.5 mm (4.32 x 4.02 x 1.48 in)
Weight w/DIN rail mount, connectors	0.4 kg (0.9 lb)
Operating Temperature	0 - 40°C (32 - 104°F)
Maximum Surface Temperature	57°C (134°F)
Total calculated heat dissipation	10.23 BTU/hr
Cooling System	Free air convection, fanless
Humidity	20-90% non-condensing

Product and Accessories

Product Name	Order Code
VISION.NET Data Splitter (4 Way)	53904-004
Requires 24 VDC external power supply (not included).	

Power Supplies	Order Code
Vision.Net DIN Rail Power Supply - 24V, 60W	53906-302
Vision.Net DIN Rail Power Supply - 24V, 150W	53906-301

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