

VARAN Splitter Module

VSV 043

with 1 VARAN In
 1 ETHERNET Port VtE
 4 VARAN Out +24 V supplied over VARAN



With its 4 VARAN Out ports, the VARAN VSV 043 splitter module allows a VARAN bus system to be configured in a tree structure. The VARAN Out ports have a continuous +24 V supply for the VARAN bus. With this supply, special VARAN peripheral devices can be connected to the VSV 043 and supplied with +24 V without an additional power cable. At the Ethernet port(IP), incoming Ethernet packets are – similar to using a HUB – distributed to all other Ethernet ports in the VARAN bus system and the VARAN Manager (and therewith the CPU) using VtE.

Environmental Conditions

| | | |
|---------------------------|---|----------------------|
| Storage temperature | -20 ... +85 °C | |
| Environmental temperature | 0 ... +60 °C | |
| Humidity | 0-95 %, non-condensing | |
| EMC stability | in accordance with EN 61000-6-2 (industrial area) | |
| EMC noise generation | in accordance with EN 61000-6-4 (industrial area) | |
| Shock resistance | EN 60068-2-27 | 150 m/s ² |
| Protection type | EN 60529 | IP20 |
| Protection type (UL) | open type device | |
| Pollution degree | 2 | |

Performance Data

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|----------------------------------|--|
| Interfaces | 1x VARAN In (RJ45) 1x ETHERNET Port VtE (RJ45) 10/100 Mbit 4x VARAN Out (RJ45) +24 V supplied over VARAN |
| Internal data memory (SPI Flash) | 4 Mbits/s |

Electrical Requirements

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|--|--|
| Supply voltage | 18-30 V DC |
| Supply voltage (UL) | 18-30 V DC (Class 2) |
| Current consumption of voltage supply | the current consumption depends on the connected loads (120 mA module + 4x VARAN Out 250 mA per port) |
| Current consumption of the power supply (UL) | 114 mA + 4x 500 mA maximum (+24 V DC) |

Article Number and Miscellaneous

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|------------------|-----------------|
| Article number | 16-023-043 |
| Hardware version | 2.x |
| Standard | UL508 (E247993) |