

VARAN Splitter module VSV 046

with 1 VARAN In
5 VARAN Out (of which 1 Ethernet (Vte) or
real-time Ethernet optional)



With its 5 VARAN Out ports, the VARAN VSV 046 splitter module allows a VARAN bus system to be configured in a tree structure. The VARAN Out ports have a +24 V supply for the VARAN bus, which can be switched via the software.

With this supply, special VARAN peripheral devices can be connected to the VSV 046 and supplied with +24 V without an additional power cable.

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

Interfaces	1x VARAN In (RJ45) 5x VARAN-Out (RJ45) (+24 V supply switchable over VARAN) (of which 1x Ethernet (Vte) or real-time Ethernet optional)
Internal data memory (SPI Flash)	4 Mbits/s

Electrical Requirements

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 + 5x VARAN Out 500 mA per port)
Current consumption of the power supply (UL)	114 mA + 5x 500 mA maximum (+24 V DC)

Article Number and Miscellaneous

Article number	16-023-046
Hardware version	2.x
Standard	UL508 (E247993)