

S-DIAS Splitter VARAN SV 142



with 1 VARAN In (Tyco Mini I/O)
4 VARAN Out (Tyco Mini I/O)

With its four VARAN Out ports, the VARAN SV 142 S-DIAS 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 SV 142 and supplied with +24 V without an additional power cable.

Environmental Conditions

Storage temperature	-20 ... +85 °C	
Environmental temperature	0 ... +50 °C	
Humidity	0-95 %, non-condensing	
Installation altitude above sea level	0-2000 m without derating > 2000 m with derating of the maximum environment temperature by 0.5 °C per 100 m	
Operating conditions	pollution degree 2	
EMC resistance	in accordance with EN 61000-6-2 (industrial area)	
EMC noise generation	in accordance with EN 61000-6-4 (industrial area)	
Vibration resistance	EN 60068-2-6	3.5 mm from 5-8.4 Hz 1 g from 8.4-150 Hz
Shock resistance	EN 60068-2-27	15 g
Protection type	EN 60529	IP20

Performance Data

Interfaces	1x VARAN In (Tyco Mini I/O) 4x VARAN Out (Tyco Mini I/O), +24 V switchable over VARAN, 500 mA per port (of which 1x Ethernet (Vte) or real-time Ethernet optional)
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Electrical Requirements

Supply voltage	18-30 V DC
Current consumption of +24 V power supply	typically 0.25 A internal electronics supply VARAN Out port load (maximum 2 A)

Article Number and Miscellaneous

Article number	20-023-142
Dimensions	25 x 104.2 x 72 mm (W x H x D)
Standard	UL 508 (E247993)
Approvals	CE