

# S-DIAS Control Module VARAN

## VI 021



with 1 VARAN In  
1 VARAN Out (optional Ethernet (VtE))

The S-DIAS VI 021 module serves as the power supply and connection for decentralized S-DIAS module groups with a CPU over the VARAN bus.

A module group consists of a control module and up to 32 connected S-DIAS modules.

The VARAN Out port allows the construction of the VARAN bus in a line structure.

### Environmental Conditions

Storage temperature	-20 ... +85 °C	
Environmental temperature	0 ... +60 °C	
Humidity	0-95 %, non-condensing	
Operating conditions	pollution degree 2 altitude up to 2000 m	
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 (Industrial Mini I/O) 1x VARAN Out (optional Ethernet (VtE)) (Industrial Mini I/O)
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### 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 is dependent on the connected loads (max. 2.75 A)	
Power supply on the S-DIAS bus	via the VI 021	
Current capacity on S-DIAS bus (power supply for I/O/P modules)	+5 V	+24 V
	maximum 1.6 A	maximum 1.6 A

### Article Number and Miscellaneous

Article number	20-003-021
Dimensions	12.5 x 104.2 x 72 mm (W x H x D)
Standard	UL 508 (E247993)
Approvals	UL, cUL, CE