VARAN Splitter PROFINET VSP 045

with 1 VARAN In
    1 VARAN Online
    3 VARAN Out +24 V
    1 PROFINET

With its 3 VARAN Out ports, the VARAN VSP 045 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 VSP 045 and supplied with +24 V without an additional power cable. the VSP 045 has an integrated PROFINET Sinamics Gateway for integrating a Siemens servo amplifier (Sinamics S120) into the VARAN system.

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/s²
	Protection type	EN 60529	IP20
	Protection type (UL)	open type device	
	Pollution degree	2	

Performance Data

	Interfaces	1x VARAN In (RJ45) 1x ETHERNET Port VtE (RJ45) 10/100 Mbit 3x VARAN Out (RJ45) +24 V supply switchable over VARAN 1x PROFINET Sinamics Gateway (RJ45)
	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 + 3x VARAN Out 500 mA per port)
	Current consumption supply voltage (UL)	114 mA + 3x 500 mA maximum (+24 V DC)

Article Number and Miscellaneous

	Article number	16-023-045
	Hardware version	2.x
	Standard	UL508 (E247993)