

S-DIAS Splitter Ethernet SE 052



with 5 ethernet interfaces (Tyco Mini I/O)

The S-DIAS SE 052 Ethernet splitter connects several network segments via 5 ports. In-coming data packets at one Ethernet port are distributed over the other ports. The splitter module is located in a double-wide S-DIAS housing. Power is applied from above through a 4-pin Phoenix plug.

Performance Data

Interfaces	5x Ethernet 10/100 Mbps (Tyco Mini I/O)
Network coupling type	Layer 2 Switch
Supported functionalities	Auto MDI/MDIX, Autonegotiation with 100Base-TX, full-duplex, 100Base-TX, half-duplex, 10Base-T, full-duplex, 10Base-T, half-duplex

Standard Configuration

Ethernet 1	X1
Ethernet 2	X2
Ethernet 3	X3
Ethernet 4	X4
Ethernet 5	X5

Electrical Requirements

Supply voltage	18-30 V DC UL: Class 2 or LVLC		
Supply voltage via X6	typically 45 mA at 18 V typically 35 mA at 24 V typically 30 mA at 30 V	maximum 50 mA at 18 V maximum 40 mA at 24 V maximum 35 mA at 30 V	

Article Number and Miscellaneous

Article number	20-023-052		
Dimensions	25 x 104.2 x 72 mm (W x H x D)		
Standard	UL 508 (E247993)		
Approvals	CE		

Environmental Conditions

Storage temperature	-20 ... +85 °C		
Environmental temperature	0 ... +55 °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	