S/X-DIAS Adapter Module
AP 001

The S-DIAS adapter module is required together with the S-DIAS ribbon cable 40 mm to provide the S-DIAS bus as an interface for the X-DIAS modules on the wiring board.

Electrical Requirements

Voltage supply from S-DIAS bus	+5 V
Current consumption on the S-DIAS bus (+5 V supply)	0 mA (passive bus loop-through)
Voltage supply from S-DIAS bus	+24 V ±20 %
Current consumption on the S-DIAS bus (+24 V supply)	0 mA (passive bus loop-through)

Article Number and Miscellaneous

Article number	21-026-001
Dimensions	12.5 x 104.2 x 72 mm (W x H x D)
Standard	designed according to UL
Approvals	CE

Environmental Conditions

Storage temperature	-40 ... +85 °C	
ambient temperature	-25 ... +60 °C	
Humidity	0-95 %, non-condensing	
Installation altitude above sea level	0-2000 m without derating > 2000 m up to a maximum of 5000 m with derating of the maximum environmental temperature by 0.5 °C per 100 m	
Operating conditions	pollution degree 2	
Noise emission	≤ 70 dB	
EMC resistance	EN 61000-6-2 (industrial area)	
EMC noise generation	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 (147.15 m/s²)
Protection type	EN 60529/NEMA 250	IP20/Type1