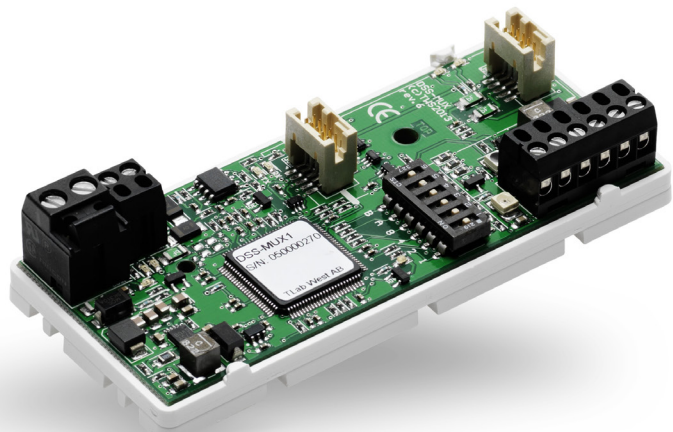


DATA SHEET

SENTRION – BUS EXTENDER MODULE

DSS-MUX1



MAIN FEATURES

- ▶ Certified for Alarm class 4 (SSF 1014, edition 5), compliant with Security Grade 4 (EN 50131-1, EN 50131-3) Compatible with Sentrion S4 (Sentrion S4 DUO is not supported)
- ▶ Environmental class II
- ▶ Addressable via DIP switch (15 positions)
- ▶ RS-485 bus extender module
- ▶ Occupies a single address and supplies an additional 15 addresses
- ▶ Optional galvanic isolation
- ▶ 12/24 VDC Power output (supply power pass-thru, 300 mA max)
- ▶ Optical tamper detection, Pluggable terminal blocks

DSS-MUX1 is a bus extender module that communicates with a Sentrion controller using RS-485. It takes up a single address on the original bus and provides a new bus with 15 addresses for connecting additional DSS modules. DSS-MUX1 also provides a power output (for supply power pass-thru) limited to 300 mA. A certified enclosure is required for Alarm class compliant installation.

TECHNICAL SPECIFICATIONS

DIMENSIONS	40 x 85 x 20 mm (PCB)
WEIGHT	33 g
ENVIROMENT	-10°C - +40°C, Environment class II
POWER INPUT	12-24 VDC (-10%/+20%)
POWER CONSUMPTION	27 mA @ 27 VDC (0,9 W) max - excluding external loads
COMMUNICATION	1 x RS-485 for communication with controller, 1 x RS-485 for communication with DSS modules on the extended bus LED spänning, LED RS-485, LED intern status
TAMPER	Optical
STATUS INDICATOR	LEDs indicating power, communication and internal status

CERTIFICATION AND COMPLIANCE

SBSC certified: Certificate number 16-269. Compliant with Alarm class 4 (SSF 1014, edition 5), Security Grade 4 (EN 50131-1, EN 50131-3), Environmental class II. EMC: CE 61000-6-3 Residential, 61000-6-2 Industrial, RoHS compliant

ACCESSORIES

ARTICLENR	TYPECODE	DESCRIPTION
310 003 019	DSS-MUX1-001	485 bus splitter (includes TIF2-485 non isolated + plastic holder) without enclosure