

# DATA SHEET

## DSS 2U

Article number 09501194



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### Function

Switch connections display an interface between the system and switches from switch programs. The DSS 2U, DSS 4U and DSS 8U operating signal sensors are components of the Dupline installation system and permit an input of 2, 4 or 8 signals for transmission via the bus. Conventional push-buttons or any other potential-free, switching contact can be connected to the sensors. Because of their compact design the operating signal sensors can be fitted behind a flush-mounted push-button in a deep installation box. Using the 4-wire system cables supplied complete with end ferrules, the push-button or switch can be easily connected. An internal extended operating signal prevents multiple switching from possible contact bounce. As the sensors are supplied by the Dupline signal, they do not require an additional power supply.

### Features

input modules for 2-way, 4-way or 8-way standard switches, system cables supplied with approx. 200 mm long multi-way wires, spring-loaded terminals with double outputs for looping through the Dupline bus, easy addressing using DHK 1 encoder, operating voltage from Dupline signal line, very low current consumption, Power supply from the Dupline bus, compact design

### Mounting

Installation behind standard push-buttons in deep flush-mounted installation boxes

### Applications

The DSS 2/4/8U sensors are employed in conjunction with the Dupline bus system as input modules for connecting conventional switches.

### Technical Data

Technical Data	DSS 2U
Series	DSS 2U
design	Dupline
max. IF Bus system input channel	2
current consumption bus	440 µA ... 540 µA
Operating voltage source	Bus signal
	Semiconductor input
number	2
open circuit voltage	8 V
max. Input I1 contact internal resistance	1 kOhm
	Spring-loaded clamp (Bus connection, Voltage supply)
Clamping area	0.4 mm <sup>2</sup> ... 0.8 mm <sup>2</sup>
	Cable LiYv with ferrules (Control input)
Clamping area	max. 0.25 mm <sup>2</sup>
General data description	General data
Operating position	any
Ambient temperature	-10 °C ... 45 °C
Permissible humidity	max. 85 %
Housing type	in-wall housing
Mounting type	Socket/box installation
Housing material	Polyamide 6 (PA 6)

Technical Data	DSS 2U
Protection class	IP20
Width	52.5 mm
Height	52.5 mm
Depth	13.7 mm
Design requirements/Standards	EN 60669-1, EN 60669-2, EN 50090-2-2, EN 50428, EN 61000-6-1, EN 61000-6-3

## Dimensions

Dimensional drawing Group view