

USS21A

Industrial automation components

Manufacturer	Sew-Eurodrive
Catalog number	uss21a
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.16 kgs
Current	21 A
Product Type	Drive
Component Specifications	rs232
Dimensions	120 × 85 × 28.5 mm
Interface Type	rs232
Cable Specification	120 × 85

Description

The Sew-Eurodrive USS21A is a serial interface module designed to facilitate communication between a PC and multiple MOVIDRIVE® drive inverters. This module supports both RS-232 and RS-485 interfaces, enabling versatile connectivity options for industrial automation systems. The RS-232 interface utilizes a 9-pin sub-D connector, while the RS-485 interface is configured as a terminal connection. Both interfaces operate at a transmission rate of 9600 baud, ensuring reliable data transfer. The USS21A is housed in a compact enclosure measuring 120 x 85 x 28.5 mm and weighs approximately 0.16 kg, making it suitable for integration into various industrial environments. It is designed to be plugged into the inverter's TERMINAL option slot and can be installed during operation, providing flexibility in system configurations. The module complies with EN 61800-3 for interference immunity and has an ambient temperature range of 0 to 40°C, with a storage temperature range of -25 to 70°C, according to EN 60721-3-3, class 3K3. The degree of protection is IP20 in accordance with EN 60529, indicating suitability for indoor use. For optimal performance, it is recommended to use a shielded standard interface cable with a 1:1 connection assignment for the RS-232 interface. For the RS-485 interface, a 2-core twisted and shielded copper cable with specific electrical characteristics is advised. The USS21A is compatible with the MOVIDRIVE® compact series and can be used to transfer parameter settings to several MOVIDRIVE® drive inverters via PC, enhancing the efficiency and flexibility of industrial automation systems.