

## Controller Module for the SR6-11C System Platform with USB & LAN Interface

### Features

- USB (device & host) interface
- LAN interfaces
- SCPI-oriented ASCII commands
- prepared for web interface
- updatable via USB

### Applications

- automated test equipment
- signal distributions
- RF matrices
- research and development (R&D)
- production, final testing and screening



### Scope

The SR6-CU controller unit is a 6 U, 6HP module for integration into the SR6-11C system platform. It enables easy control and monitoring of all compatible slot-in modules equipped in the system rack.

It provides PC standard interfaces LAN and USB. These interfaces can be used to control the compatible modules by SCPI-oriented ASCII commands.

### Universal Firmware

The integrated firmware is updatable via USB mass storage device and provides straightforward command sets for all compatible slot-in modules. When custom functions for individual systems are needed, Becker Nachrichtentechnik GmbH is able to provide customized firmware, e.g. including web interface.

### Synchronous Switching

SR6-CU enables the synchronous execution of multiple commands across the whole system rack. Additionally, SR6-11C provides a TRIGGER IO interface which allows the synchronous coupling of multiple SR6-11C system racks and other compatible devices.

Thus, it is possible to create synchronous switching compounds with the devices and modules of the RSWU series for example.

### Easy Use and Handling

The SR6-CU controller unit is housed in a rugged aluminum cover. It is designed for easy plug and play in combination with the SR6-11C system platform. Via the 'REMOTE STANDBY' Connectors it is possible to interconnect multiple SR6-CU units to be able to switch them on and off together.

## Specifications

Parameter	Symbol	Min.	Typ.	Max.	Unit	Condition
Ethernet/LAN		RJ45 10/100BaseT				
USB		2.0 (high speed)				USB type B
input voltage	$U_{in}$	23.5	24.0	24.5	V	via SR6-11C system platform
power consumption	P		2		W	
controllable modules	n			10		
dimensions	L x W x H	approx. 197 x 30 x 262			mm	6 U, 6HP
weight	m		1000		g	
operating temp. range	$T_o$	+5		+ 60	°C	ambiance
storage temp. range	$T_s$	-40		+ 70	°C	
ordering information		SR6-CU		1409.3000.1		6 U, 6 HP controller

## Front View



## Rear View



## Related Products

Product	Description	P/N
SR6-11C	System platform with 11 slots for slide-in modules	1409.1202.1
WSDU1X8	8 way multicoupler 100 kHz ... 4000 MHz	1202.6100.1
WSDU-1X2PL	5 W medium output power multicoupler 20 ... 2800 MHz	1202.6300.3
WSDU-1X8P	8 x 400 mW 8 way multicoupler 20 MHz ... 2700 MHz	1209.6001.1
WSDU-2X4E+	Two channel 1X4 plus 1 channel 1X2 multicoupler module. 20 MHz ... 8000 MHz	1502.6200.1
WSDU-1X8S	8 way multicoupler for the short wave range 1.7 ... 30 MHz	1502.6100.1
RSWU-8SPSTS	8 channel non-reflective SPST switch 100 kHz ... 8500 MHz	1408.4000.1
RSWU-4SPDTS	4 channel non-reflective SPDT switch 100 kHz ... 8500 MHz	1408.4020.1
RSWU-2SP4TS+	2 channel non-reflective SP4T switch + 1 channel SPDT 100 kHz ... 8500 MHz	1408.4030.1

