

## SPU 916-09S Multiswitch stand-alone/cascade unit | 9 in 16 | premium-line



- For up to 16 subscribers SAT active, CATV path active switchable and adjustable
- Suitable for broadband return channel with passive CATV path (suitable for EoC up to 204 MHz)

  With passive CATV path and Quattro LNB receiver-powered no power supply unit required
- With active CATV path or Quad LNB, power supply via external power supply unit SZU 99-09S (not included) or via the SAT IF trunk lines

- Advanced standby and energy saving functionalities (e.g. only the required LNB is powered)

  USB-C port for external power supply unit

  Cascadable (unused cascade outputs must be terminated with DC-decoupled 75 Ohm terminating resistors (e.g. CFA 11-00, not included in the scope of delivery))

#### **Order information**

SPU 916-09S Type Order no. SPU91609S GTIN 7611682400724

EU customs tariff number 85291095



#### **Technical data**

Inputs	
Number	9
Frequency range	5 862 MHz   950 2200 MHz
Max. LNB current	2000 mA
Attenuator CATV adjustment range, switchable to passive	0 20 dB
Isolation V   H	30 dB
Isolation CATV   SAT	30 dB
Subscriber ports	
Number	16
Switch commands	13V,18V,13V/22kHz,18V/22kHz, DiSEqC 2.0
Tap loss CATV active	0 dB
Tap loss CATV passive	28 dB
Max. output level SAT (3rd order SAT EN 50083@3 35dB KMA, 2 sender test method)	100 dBμV
Max. output level CATV (3rd order, EN 5008323, 60 dB KMA)	90 dBuV
Current consumption per port (without LNB supply)	50 mA
Trunk outputs	
Number	9
Number  Max. output level CATV (3rd order EN 50083@3, 60 dB KMA)	9 103 dBuV
Max. output level CATV (3rd order EN 50083@3, 60 dB KMA)	103 dBuV
Max. output level CATV (3rd order EN 50083@3, 60 dB KMA) Through loss CATV active	103 dBuV -23 dB
Max. output level CATV (3rd order EN 50083@3, 60 dB KMA)  Through loss CATV passive	103 dBuV -23 dB 7 dB
Max. output level CATV (3rd order EN 50083@3, 60 dB KMA)  Through loss CATV active  Through loss CATV passive  Through loss SAT	103 dBuV -23 dB 7 dB
Max. output level CATV (3rd order EN 50083®3, 60 dB KMA) Through loss CATV active Through loss CATV passive Through loss SAT Connectors	103 dBuV -23 dB 7 dB 3 dB
Max. output level CATV (3rd order EN 50083®3, 60 dB KMA) Through loss CATV active Through loss CATV passive Through loss SAT Connectors Connector type	103 dBuV -23 dB 7 dB 3 dB
Max. output level CATV (3rd order EN 50083®3, 60 dB KMA) Through loss CATV active Through loss CATV passive Through loss SAT Connectors Connector type General	103 dBuV -23 dB 7 dB 3 dB
Max. output level CATV (3rd order EN 50083®3, 60 dB KMA) Through loss CATV active Through loss CATV passive Through loss SAT Connectors Connector type General Operating temperature range (acc. to EN 60065)	103 dBuV -23 dB 7 dB 3 dB  F-female  -20 +55° C
Max. output level CATV (3rd order EN 50083®3, 60 dB KMA) Through loss CATV active Through loss CATV passive Through loss SAT Connectors Connector type General Operating temperature range (acc. to EN 60065) Operating voltage	103 dBuV -23 dB 7 dB 3 dB  F-female  -20 +55° C 15 20 VDC*
Max. output level CATV (3rd order EN 50083®3, 60 dB KMA) Through loss CATV active Through loss CATV passive Through loss SAT Connectors Connector type General Operating temperature range (acc. to EN 60065) Operating voltage Equipotential bonding connection	103 dBuV -23 dB 7 dB 3 dB F-female -20 +55° C 15 20 VDC* 4 mm²
Max. output level CATV (3rd order EN 50083®3, 60 dB KMA) Through loss CATV active Through loss CATV passive Through loss SAT Connectors  Connector type General Operating temperature range (acc. to EN 60065) Operating voltage Equipotential bonding connection Dimensions (W × H × D) appr.	103 dBuV -23 dB 7 dB 3 dB F-female  -20 +55° C 15 20 VDC* 4 mm² 178 x 230 x 65 mm

# **Data sheet**



### **Suitable products**

OEW 9-10S Earthing angle | surge protection | 9-way
OEW 9-09S Earthing angle | 9-way
CFA 11-00 Terminating resistor | 75 Ohm | DC isolated
CFA 4-01N Adapter F | F | Quickfix | 36 mm
SZU 99-09S Switching mode power supply 18 V=/2 A