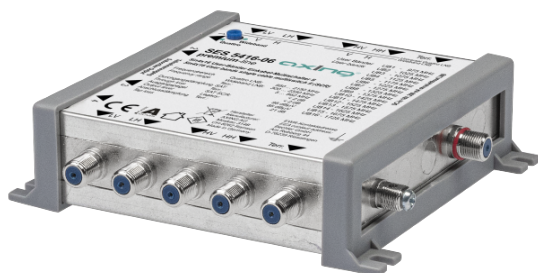


## SES 5416-06 Single cable multiswitch II (SCR) | 5 in 2 × 16 | premium-line



- ✓ 1 SAT position with quattro LNB
- ✓ 2 SAT positions with wideband LNBs
- ✓ With terrestrial feed-in
- ✓ Suitable for broadband return path (EoC suitable up to 204 MHz)
- ✓ Cascadable
- ✓ 4 outputs and 16 user bands
- ✓ Single cable I and II compatible (according to EN 50607 and EN 50494)
- ✓ No interference across flats when using programmable SSD 6-xx antenna wall outlets
- ✓ Alternatively up to 4 legacy outputs (not with wideband LNBs or SSD 6-00)
- ✓ Supply via external power supply unit SZU 99-06 (not included in delivery)

### Order information

|                          |               |
|--------------------------|---------------|
| Type                     | SES 5416-06   |
| Order no.                | SES541606     |
| GTIN                     | 7611682007848 |
| PE                       | 1             |
| VE                       | 1             |
| EU customs tariff number | 85291095      |



### Technical data

#### Inputs

|                  |                                                |
|------------------|------------------------------------------------|
| Number           | 5                                              |
| Frequency range  | 5 ... 862 MHz @ TERR<br>300 ... 2350 MHz @ SAT |
| LNB voltage      | 15 ... 18 V                                    |
| Max. LNB current | 500 mA                                         |
| Level            | 60 ... 90 dBμV                                 |
| Isolation V   H  | 25 dB                                          |

#### Subscriber ports

|                                        |                                                                                                                         |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Number                                 | 4                                                                                                                       |
| Supported standards                    | EN 50494, EN 50607                                                                                                      |
| Tap loss TERR                          | 21 dB ±2 dB                                                                                                             |
| Frequency range (SAT)                  | 950 ... 2150 MHz                                                                                                        |
| User bands                             | 4 × 16                                                                                                                  |
| User band frequencies                  | 975/1025/1075/1125/1175/1225/1275/1325 MHz @ EN 50494/50607*<br>1375/1425/1475/1525/1575/1625/1675/1725 MHz @ EN 50607* |
| Output level SAT (SCR/CSS)             | 94 dBμV ±2 dB**                                                                                                         |
| Output level SAT (Legacy)              | 82 dBμV ±2 dB                                                                                                           |
| Current consumption from STB (SCR/CSS) | 180 mA                                                                                                                  |
| Current consumption from STB (Legacy)  | 60 mA                                                                                                                   |

#### Trunk outputs

|                   |        |
|-------------------|--------|
| Number            | 5      |
| Through loss TERR | < 2 dB |
| Through loss SAT  | < 2 dB |

#### Connectors

|                |          |
|----------------|----------|
| Connector type | F-female |
| Return loss    | 10 dB    |

#### General

|                                                |               |
|------------------------------------------------|---------------|
| Operating voltage                              | 18 VDC        |
| Current consumption                            | 260 mA***     |
| Connector DC                                   | F-female      |
| Maximum supply current                         | 1 A****       |
| Equipotential bonding connection               | 4 mm²         |
| Operating temperature range (acc. to EN 60065) | -20 ... 55 °C |

Dimensions (W x H x D) appr.

140 x 140 x 40 mm

Comments

\* Customised user band configuration possible.  
\*\* Automatic Gain Control (AGC)  
\*\*\* Without LNB  
\*\*\*\* The LNB, the SES 5416-06 and any connected cascade units are supplied via the DC input.

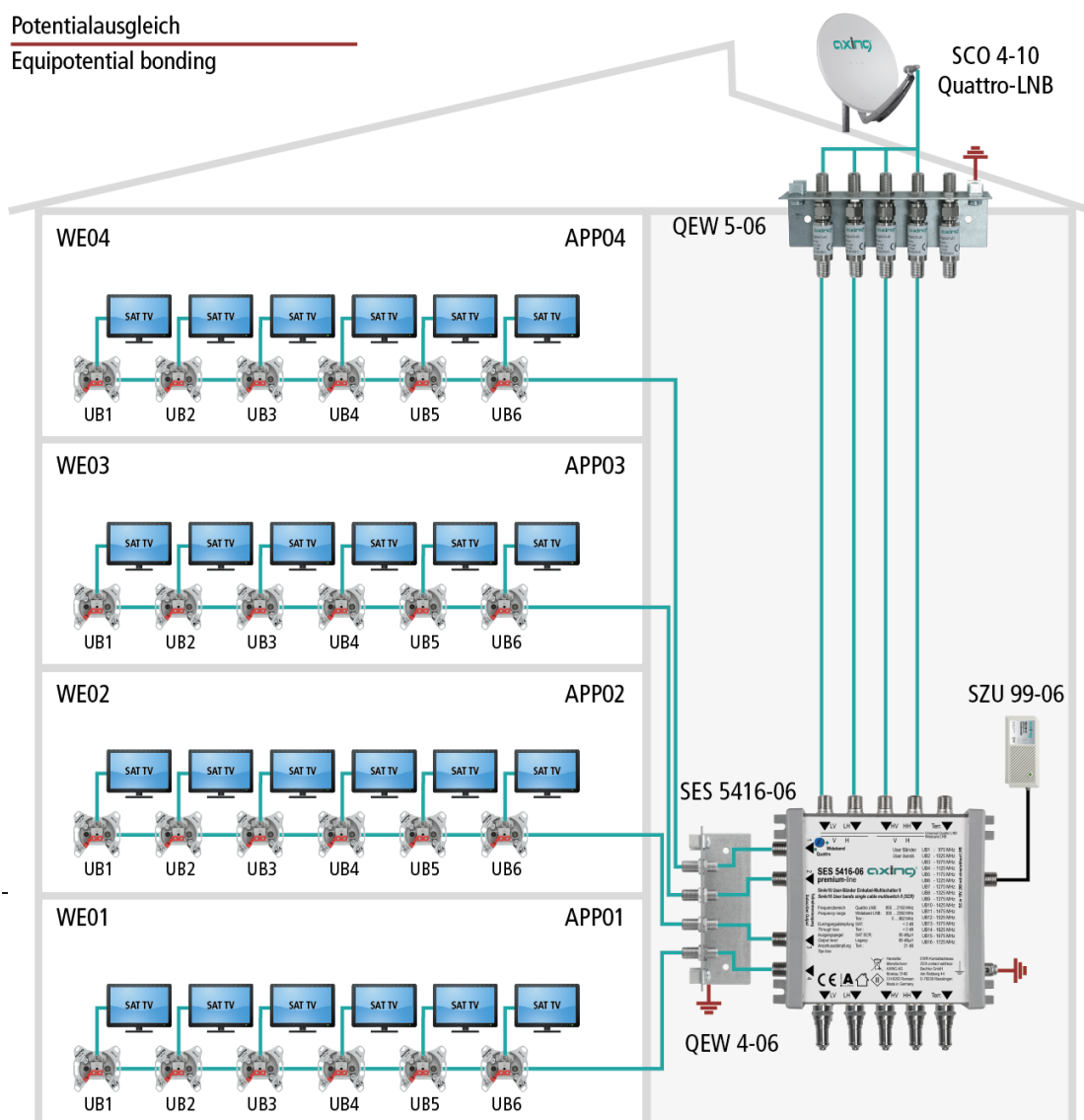
## Example of use

Koax

Coax

Potentialausgleich

Equipotential bonding



## Suitable products

QEW 5-06 Earthing angle | single-rowed | surge protection  
SAK 21-02 F | Quickfix | patch cable | right-angle connectors | double shielded | 0.20 m  
SAK 41-02 F | Quickfix | patch cable | right-angle connectors | double shielded | 0.40 m  
QEW 4-06 Earthing angle | single-rowed  
CFA 11-00 Terminating resistor | 75 Ohm | DC isolated  
CFA 4-01 Adapter F | F | Quickfix  
SZU 99-06 Switching mode power supply 18 V= / 2 A  
SSD 6-07 Programmable single cable end outlet terminated 7 dB | 5 ... 2200 MHz | CATV | SAT  
SSD 6-10 Programmable single cable loop-through outlet 10 dB | 5 ... 2200 MHz | CATV | SAT  
SSD 6-14 Programmable single cable loop-through outlet 14 dB | 5 ... 2200 MHz | CATV | SAT  
SSD 6-18 Programmable single cable loop-through outlet 14 dB | 5 ... 2200 MHz | CATV | SAT  
SSD 5-07 SAT end outlet terminated 7 dB | 5 ... 2200 MHz | CATV | SAT  
SSD 5-10 SAT loop-through outlet 10 dB | 5 ... 2200 MHz | CATV | SAT  
SSD 5-14 SAT loop-through outlet 14 dB | 5 ... 2200 MHz | CATV | SAT  
SSD 5-18 SAT loop-through outlet 18 dB | 5 ... 2200 MHz | CATV | SAT