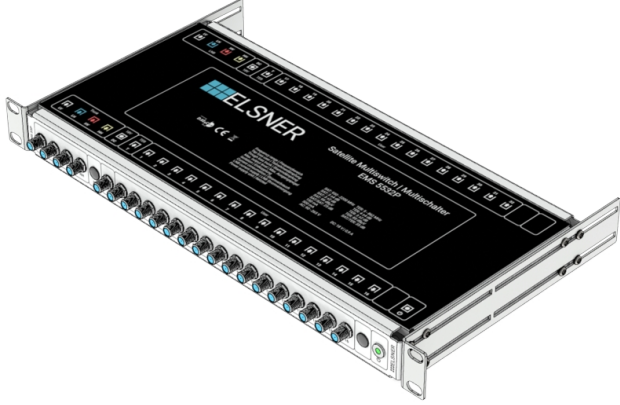



19-Inch-SAT Multiswitch for 1 Satellite

Operating instructions for EMP 5508P-xx | 5516P-xx | 5532-xx


Design -01: Connections User (5532 front + rear) and trunk front, LNB rear.



Picture EMP 5532-01



Picture **back** EMP 5532-01
Pos: 1-2 n.c. | 3-18 user | 19 TER | 20 DC | 21-24 LNB

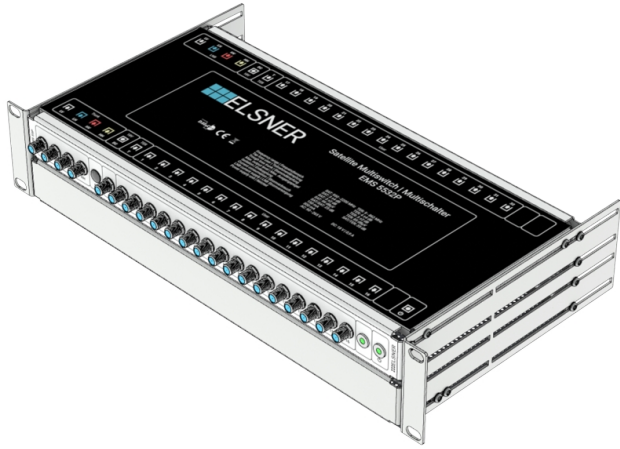


Picture **front** EMP 5532-01
Pos: 1-6 trunk | 7-22 user | 23 n.c. | 24 PSU


Package includes:
Multiswitch and plug-in power supply unit

Design -05: With integrated 19-inch power supply unit. Connections user (5532 front + rear) and trunk front, LNB rear.


Design -07: The 19-inch power supply unit is equipped with two power supply plug-in units for redundant operation.




Picture EMP 5532-05/07



Picture **back** EMP 5532-05
PSU: Section 1 | Section 2 | Section 3 | Section 4



Picture **back** EMP 5532-07
PSU: Section 1 | Section 2 | Section 3 | Section 4



Picture **front** EMP 5532-05/07
Pos: 1-6 trunk | 7-22 user | 23 PSU 2 | 24 PSU 1

Description

The multiswitch is assembled in a functional unit and is delivered tested for function and ready for operation.

The functional unit complies with EN60728-11 for the installation and operation of antennas and antenna systems. During installation, observe the earthing regulations EN60065 and EN60728-11 for the operation of antennas and antenna systems.

To build in

1. Attention! The multiswitch may only be used in dry rooms!
2. Connect the coaxial cables and the power supply cable with the F plug (version -01).
3. Fix the unit in the 19-inch cabinet using standard 19-inch front panel screws.
4. Turn on the power and check the system for proper operation.

Note

Quatro LNBs are required for operation.

During installation, ensure that the LNB levels are correctly connected: **LV | LH | HV | HH**

The following table shows frequencies (Astra 19,2) for testing the levels.

LV 11347 3SAT HD	LH 11494 ARD HD	HV 12480 Dmax	HH 12545 PRO7
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Additional integrated power supply unit

Section 1: Power connection

Section 2: 1st power supply unit

Section 3: Input parallel circuit adapter (EMP 5532-05) for single use

Section 3: 2nd power supply unit (EMP 5532-07) using 1 more PSU as the redundant unit

Section 4: Redundancy Module with MOSFET technology

When using only one power supply, the input parallel circuit adapter must be used to reduce stress of the and hence increase the reliability MOSFET.

Safety advices

The installation of the unit and repairs to the unit must be carried out exclusively by a specialist in accordance with the applicable EN guidelines.

No liability is accepted in the event of improper installation and commissioning.

Before opening the unit, pull the mains plug or remove the power supply, otherwise there is a danger to life. This also applies if you clean the unit or work on the connections.

Only use the mains cable connected to the unit. Under no circumstances may parts of the mains cable be replaced or modifications made. Otherwise, there is a danger to life and limb for which no liability is assumed.

If a replaceable fuse is provided, disconnect the mains plug before replacing the fuse. Faulty fuses must only be replaced by standard fuses of the same nominal value.

The unit may only be operated in dry rooms. In damp rooms or outdoors there is a risk of short circuits (caution: danger of fire) or electric shock (caution: danger of life).

Plan the mounting or installation site so that you can easily reach the mains plug in dangerous situations and pull it out of the socket.

Select the installation site so that children cannot play unattended on the unit and its connections.

The mounting or installation location must allow safe routing of all connected cables.

Power supply cables and feed cables must not be damaged or crushed by any objects.

Select a mounting or installation location where under no circumstances can liquids or objects enter the unit (e.g. condensation, roof leaks, watering water, etc.).

Never expose the device to direct sunlight and avoid the direct vicinity of heat sources (e.g. radiators, other electrical appliances, fireplace, etc.). In the case of devices that have heat sinks or ventilation slots, it is therefore essential to ensure that these are not covered or obstructed under any circumstances.

Also ensure that there is ample air circulation around the device.

This will prevent possible damage to the unit and fire hazard due to overheating. Make absolutely sure that cables do not come into the vicinity of heat sources (e.g. radiators, other electrical appliances, fireplaces, etc.).