

SUPRA MAINS BLOCK MD-16-EU/SP USB

Screened Mains block 16A with surge protection, USB & NIF-filter

Rev. date: 2026-03-31

Customs tariff no: 8536901000

Country of origin: Sweden



SUPRA Mains Block MD-16-EU/SP USB

Supra LoRad MD mains blocks are designed to shield and filter electrical noise while protecting connected equipment from power surges. The integrated NIF filter (Non-Intrusive Filtering) is a carefully engineered RFI (Radio Frequency Interference) filter that attenuates high-frequency noise generated by a wide range of modern household devices. Custom configurations are available, offering noise floor suppression of up to 40 dB. SP models are equipped with Supra's advanced surge protection system, providing comprehensive three-way protection: Live to Ground, Neutral to Ground, and Live to Neutral. Many conventional surge protection solutions only cover Live to Neutral and do not adequately protect against field-induced surges, such as those caused by nearby lightning strikes. For maximum protection, complete disconnection from mains power and all connected equipment remains the only superior safeguard.

USB Type A & C: Supra mains blocks also feature high-speed USB sockets that allow devices to charge up to three times faster than a standard USB connection. The charging circuitry includes overload and short-circuit protection, automatically resetting once a faulty cable or device is disconnected. Each unit is independently tested to meet the latest European safety and EMC standards. Additionally, an extra NIF filter is placed between the USB and Schuko sockets to minimize interference and preserve audio and power quality.

All components are manufactured in Sweden or Germany and assembled at our facility in Ljungskile, Sweden.

Cable not included!

- Three-way surge protection against nearby lightning and other transient events
- Noise suppression of up to 40 dB
- Internal wiring with 2.5 mm² oxygen-free copper conductors
- Supports peak power up to 2400 W (230 V / 10 A)
- Protects both users and connected equipment from electrical and electromagnetic interference as well as power surges
- High-speed USB Type A & C sockets with integrated overload/short-circuit protection and extra NIF filtering
- Suitable for wall mounting or placement on a flat surface (rubber feet and brackets included)
- Custom-designed NIF filter by Ben Duncan Research (UK)
- Shielded aluminium chassis reduces electrical, electromagnetic, and magnetic fields

CONSTRUCTION

Chassis:	Aluminum
Standard:	European Standard
Inlet socket:	SUPRA MCH-16, 16A
Outlet sockets:	7 x SUPRA MCH-16/EU, Schuko 1 x USB A/C
Rated Current/Voltage:	16A / 250V / 3680W
Max RFI Noise damping:	40dB, increased filtering
Surge protection, type 3:	U _c = 2,5kV (Phase to Neutral); 4,0kV (Phase or Neutral to ground) U _p = 2,0kV (Phase to Neutral); 2,05kV (Phase or Neutral to ground)
Width & height (WxH):	90x50mm
Length (L):	MD08-EU/SP = 837mm + 52mm for each additional socket
Standard filtering:	No NIF-filter for outlet no 1-2. All outlets are surge protected. Increased filtering, the last socket got most damping
USB specifications:	
-Input:	100–240 V, 50/60 Hz, 0.5 A
-Output:	5–12 V DC, max 20 W, 5.0 V / 3 A, 9.0 V / 2.22 A, 12.0 V / 1.67 A
-Type A/C:	Quick Charge 3.0/Power Delivery 3.0
Filtering:	Short-circuit and surge protected, extra NIF filtering



All mains blocks can be ordered with or without filters for any of the sockets.

Power Amps are recommended to be connected to an unfiltered outlet.

Connect the Mains block with a LoRad cord set (10A) further reduce noise by 6-12 dB!



PRODUCT	Qty	Part no.	EAN-13	Carton	Weight(kg)
MAINS BLOCK MD07-16-EU/SP USB-A/C	1PC	3024000915	7330060209048	10	1,7