

SUPRA MAINS BLOCK MD-EU/SP USB SWITCH

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

Rev.date: 2026-03-30

Customs tariff no: 8536901000

Country of origin: Sweden



SUPRA Mains Block MD-EU/SP med USB & Switch

Supra LoRad MD Mains Blocks are engineered to shield and filter electrical noise while protecting sensitive electronic equipment from surges. The NIF-filter (Non-Intrusive Filtering) is a mild RFI (Radio Frequency Interference) filter that effectively damps high-frequency noise from various modern household sources. Custom configurations are available, allowing suppression of noise floors by up to 40 dB. All SP-models feature Supra Surge Protection, offering full three-way protection: Live to Ground, Neutral to Ground and Live to Neutral. Unlike standard surge protection, which typically only safeguards Live to Neutral, Supra SP blocks also defend against field surges from nearby lightning strikes. The only method that surpasses this level of protection is completely disconnecting all mains power, interconnects, and communications with adjacent devices.

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

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

- SP three-way surge protection effectively rejects close perimeter lightning and other surges
- Noise damping up to 40 dB
- Internal wiring of 2.5 mm² oxygen-free copper
- Supports peak power of 2400 W @ 230 V / 10 A
- Shields both equipment and users from various alternating fields
- Flexible installation: wall-mounted or freestanding; includes rubber feet and mounting brackets
- Custom-tailored NIF-filter from Ben Duncan Research, UK
- Shielded aluminum chassis prevents electric, electromagnetic, and magnetic interference
- 2-pole On/Off 20A high-inrush switch

Cable not included!

CONSTRUCTION

Chassis:	Aluminum
Standard:	European Standard
Inlet socket:	SUPRA MCH-10, 10A
Outlet sockets:	5 x SUPRA MCH-16/EU, Schuko 1 x USB A/C
Rated Current/Voltage:	10A / 250V / 2400W
Max RFI Noise damping:	40dB, increased filtering
Switch:	2-pole On/Off 20A High inrush
Surge protection, type 3:	Uc = 2,5kV (Phase to Neutral); 4,0kV (Phase or Neutral to ground) Up = 2,0kV (Phase to Neutral); 2,05kV (Phase or Neutral to earth)
Fuse:	Ceramic 10A, slow
Width & height (WxH):	90x50mm
Length (L):	432mm + 52mm for each additional socket
Standard filtering:	No NIF-filter for outlet no 1. 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.	



PRODUCT	Qty	Part no.	EAN-13	Carton Weight
MAINS BLOCK MD05-EU/SP USB-A/C ONOFF	1PC	3024000998	7330060209093	20 1,5