

## SUPRA MAINS BLOCK DC-16-EU/SP USB

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

Rev.date: 2023-04-13

Customs tariff no: 8536901000

Country of origin: Sweden



### SUPRA Mains Block DC-16-EU/SP USB

Supra LoRad MD mains blocks are designed to shield and filter noise and protect the electronic gear from surges and DC (Direct Current) on the mains power. The NIF-filter (Non-Intrusive Filtering) is a mild RFI (Radio Frequency Interference) filter damping the high frequency noise from all sorts of modern household sources. It is possible to order with custom configuration and have a capacity to suppress noise floor up to 40 dB! DC is a result of the rapidly increasing number of household electrical appliances that load the AC (Alternating Current) mains power asymmetrically, hence introducing a small (0.5 – 3 Volts) but highly malicious DC component. It affects a finely tuned Hifi amplifier power supply transformer, by means of not remaining linear and suffering from a magnetically saturated iron core, hence creating hum, excessive heat and audibly reducing sound quality. Finally it offers a high-end three-way surge protection (SP) which is designed to shunt high voltage peaks/transients from harming your precious Hifi gear. All parts are made in Sweden or Germany & assembled in our factory in Ljungskile, Sweden.

- Nominally 3,6 Volt DC lift to prevent non-linearity, iron core saturation and heat
- SP three-way surge protection rejects close perimeter lightning & other surges
- Noise damping up to 40 dB!
- Internal wiring of 2.5 mm<sup>2</sup> oxygen-free copper leads
- Support a staggering peak power 3680 Watt @ 230 Volt and 16 Ampere
- Protect both you and your gear from various alternating fields and your gear from DC
- Custom tailored NIF-filter from Ben Duncan Research in UK
- Shielded aluminum chassis prevents electric, electro-magnetic and magnetic fields



### CONSTRUCTION

Chassis:	Aluminum
Standard:	European Standard
Inlet socket:	SUPRA MCH-16, 16A
Outlet sockets:	5 to 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:	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)
Nom./minimal DC-filtering:	3,6V
Fuse:	Ceramic 16A, slow
Width & height (WxH):	90x50mm
Length (L):	DC05-EU/SP = 482mm + 52mm for each additional socket
Standard filtering:	No filter for outlet no 1 for DC04-06 & no. 1-2 for DC08 All outlets are DC/surge protected. Increased filtering, the last socket got most damping



Note! 16A Inlet

Cable not included!

### USB Type A & C

With Supra's USB socket devices can be charged up to three times faster than via a standard USB connection. The charging circuit includes overload protection as well as short circuit protection. The protection circuit will automatically reset when the faulty cable or device is disconnected. The device is independently tested in accordance to the latest European safety and EMC standards. An extra NIF-filter is placed between the USB socket and the Schuko sockets for minimal interference.

Input: 100-240V, 50/60Hz, 0.5A

Output: 5-12V DC, max 20W

5.0V / 3A - 9.0V / 2.22A - 12.0V / 1.67A

Type A: Quick charge 3.0 & Type C: Power delivery 3.0

Short circuit & surge protected.

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 MD05DC-16-EU/SP USB-A/C	1PC	3024000972	7330060209079	10	1,8
MAINS BLOCK MD07DC-16-EU/SP USB-A/C	1PC	3024000980	7330060209086	10	2,1