



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

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

Rev.date: 2023-01-13

Customs tariff no: 8536901000

Country of origin: Sweden

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

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 & assambled 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
- Wall mounted or standing on a flat hard surface. Rubber feet and brackets included
- 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:	4 to 8 x SUPRA MCH-16/EU, Schuko
Rated Current/Voltage:	16A / 250V / 3680W
Max RFI Noise damping:	40dB
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:	Cheramic 16A, slow
Width & height (WxH):	90x50mm
Length (L):	DC04-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



Cable not included!

All mains blocks can be ordered with or without filters on 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 MD04DC-16-EU/SP	1PC	3024000881	7330060208485	10 1,44
MAINS BLOCK MD06DC-16-EU/SP	1PC	3024000683	7330060207778	10 1,75
MAINS BLOCK MD08DC-16-EU/SP	1PC	3024000782	7330060207860	10 2,06