

Booster Amplifier

Wall or top hat bar mounting, or 19" rack mounting



Booster amplifier

When a Master Clock reaches its limits of total power output, pulse boosting amplifiers are needed for further extension of the master/slave clock system.

The short-circuit-proof slave clock line output terminals can be freely configured as

- alternating polarity minute pulse
- alternating polarity second pulse
- DCFport24 pulse telegram.

Electronic buffer memory and automatic updating circuitry cover power outages and ensure return to correct time if power returns within 24 hours.

Item No. 10.930.124

1 slave clock line input/output terminal 12/24 V, total output power 1.5 A at either 12 V or 24 V, capable of controlling up to

- 250 conventional slave clocks (at 6 mA/24 V) or
- 125 DCFport24 pulse telegram slave clocks (à 12 mA/24 V).

Plastic case (IP 20/EN 60529) for wall mounting or mounting on a 35 mm top hat bar. Operating voltage 230 VAC/50...60 Hz, (external power supply for mounting on a 35 mm top hat bar, included in delivery shipment).

Item No. 11.930.224

2 slave clock lines input/output terminals 12 V or 24 V, total output power 3 A (1.5 A per line), capable of controlling up to

- 500 (max. 250 per line) conventional slave clocks (at 6 mA/24 V) or
- 250 (max. 125 per line) DCFport24 pulse telegram slave clocks (at 12 mA/24 V).

Metal case (IP 10/EN 60529) for mounting in 19" sub-rack, dimensions (WxHxD) 213 mm (42 WU) x 128 mm (3 HU) x 230 mm. Operating voltage 230 VAC/50...60 Hz.



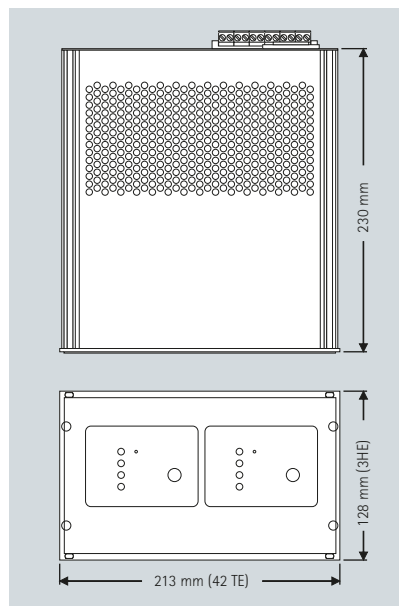
11.930.224 shown

Technical data	10.930.124	11.930.224
Case	plastic case for wall mounting or mounting on top hat bar	metal case 3 HU/42 WU for mounting in sub-rack
Dimensions	cir. 100x75x125 mm	cir. 213x128x230 mm
Operating voltage	230 VAC/50...60 Hz	230 VAC/50...60 Hz
Pulse/line output voltage	24 V	24 V
Pulse power	1 x 1500 mA	2 x 1500 mA
minute pulse	for up to 250 slave clocks at 6 mA	for up to 500 slave clocks at 6 mA
second pulse	for up to 250 slave clocks at 6 mA	for up to 500 slave clocks at 6 mA
DCFport24 pulse telegram	for up to 125 slave clocks at 12 mA	for up to 250 slave clocks at 12 mA

Type	Item No.	€ each
Booster amplifier for wall mounting or mounting on top hat bar, 1 line output, 24 V/1.5 A	10.930.124	769.–
Booster amplifier in modular cassette for mounting in 19" sub-rack, 2 line outputs, 24 V/2 x 1.5 A	11.930.224	1,649.–

Type series

930



10.930.124 shown

▲ Booster amplifier for wall mounting or mounting on top hat bar

▲ Booster amplifier in 3 HU/42 WU metal case for mounting in sub-rack