

# A5/5PUC-3 (P.140-M)

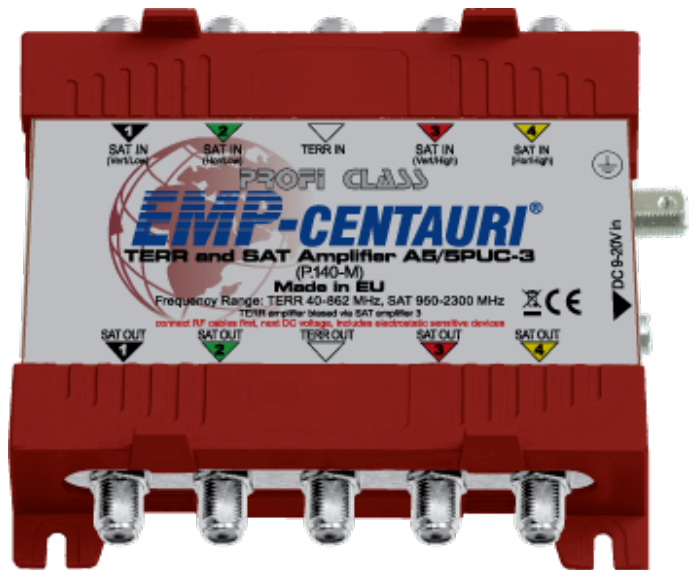
## Product summary:

Compact amplifier for 4 sat polarities and terrestrial band

## Brief description:

5in/5out cascadable amplifier high output power for distribution of terrestrial & satellite signals from 1 satellite position (4 polarities).

The amplifier's input-output satellite paths are DC pass-through and supply the appropriate internal amplifiers (a supply voltage of 12 to 18 V DC comes from the satellite input of a multiswitch or power switch connected to the amplifier outputs). If no DC voltage is present at the satellite input or output of the amplifier, the amplifier can be powered from an external 12-20V DC power supply (recommended PA12 power supply) via the power connector. This DC voltage appears at each satellite input and output of the amplifier and can be used to power another unit in cascade or for an LNB.



## Technical data:

Parameter	Condition	Value
Frequency range	Sat.	950-2300 MHz
	Terr.	40-862 MHz,
Insertion gain	Sat.	13 dB avg
	Terr.	13 dB avg
Isolation between trunks		25 dB avg
Maximum input level*	Sat.	100 dB $\mu$ V avg
	Terr.	95 dB $\mu$ V avg,
Maximum output level*	Sat.	113 dB $\mu$ V avg
	Terr.	108 dB $\mu$ V avg
Power consumption	Via coaxial cables or DC input	5 x 70 mA (12 V)
Dimensions (w,d,h)		12.7 x 10.4 x 4.1 cm
Temperature range		-30 ~ +70 °C
Weight		0.270 kg

\*Terr.: EN 50083-3/60dB IMA3 [dB $\mu$ V]; SAT: EN 50083-3/35dB IMA3 [dB $\mu$ V]

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