

MD54-I-RX-7

Railway Application
Multi output DC-DC converter

FEATURES

Input voltage

14.4÷143Vdc (250Vpk)

Efficiency

75% typ.

Switching operating frequency

100KHz typ.

Input protections

- Inrush current limitation
- RFI filter
- Fuse

See table for

- Output voltages and currents
- Tolerance (line+load reg)
- Ripple and noise

Output protections

- Over voltage protection
- Short circuit protection
- Over current protection

Output power

43.5W

Inhibit input

- High active

Operating temperature

-40°C to 85°C

Temperature drift

0.02%/°C

Long term stability

Better than 1% after 24 hours

Cooling

Natural convection

Dielectric withstand voltage

- Input - P.E.: 1000Vac
- Input - Outputs: 1000Vac

Isolation

- Input - P.E.: 1000Vac
- Input - Outputs: 1000Vac
- Output - P.E.: 500Vdc

Comply with

- EN 50155 - RIA22
- EN 60950
- EN 60950 A1
- CE

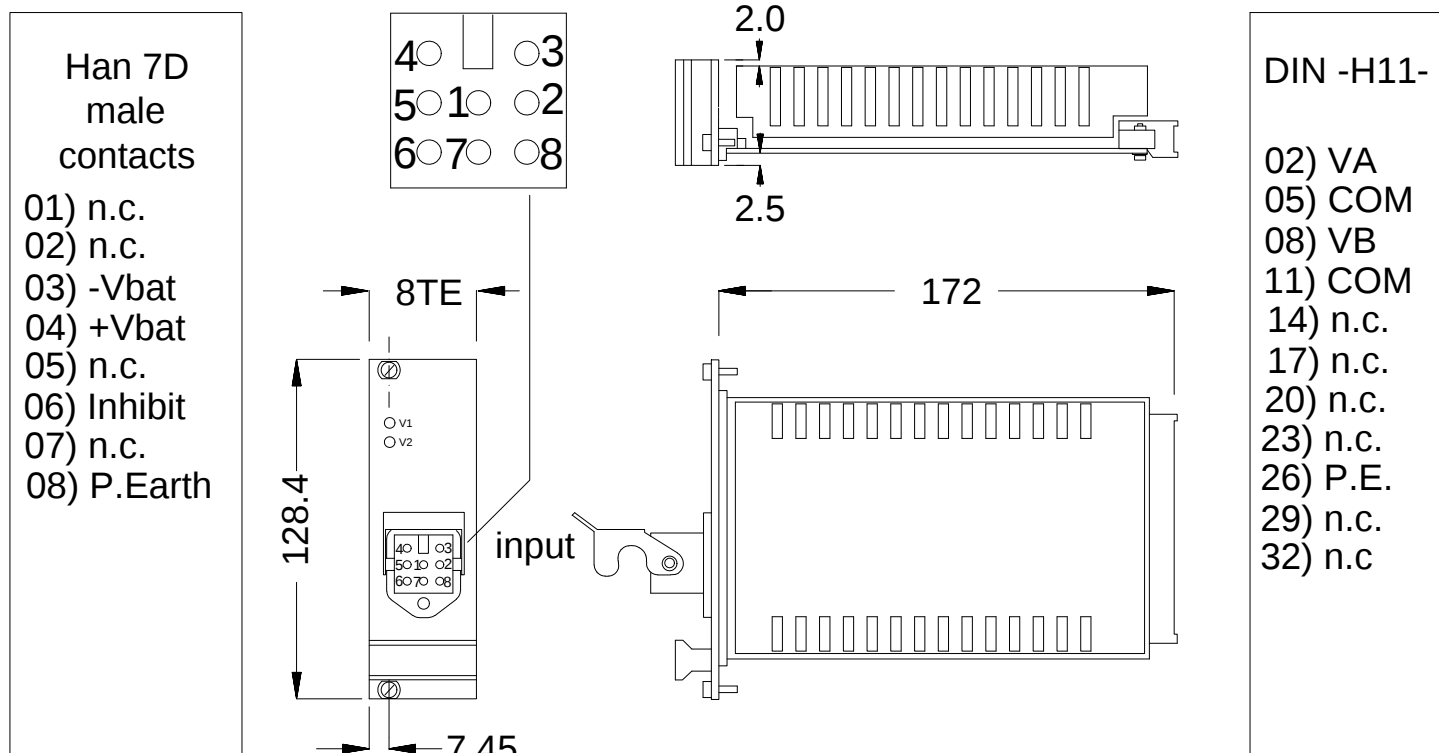
FEATURES TABLE

OUT	Common	Vout Volts	Iout Ampere	Imin Ampere	Tolerance %	Rumore (0÷20MHz) mV
A	COM	15	0.6 ÷ 1.2	0.3	±2	50
B	COM	15	0.3 ÷ 1.2	0.1	±10	150

POWER SUPPLY VIEW



PRELIMINARY DIMENSIONS AND CONNECTIONS



AZIENDA CERTIFICATA



Note: all features are subject to change without notice.

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