

TCU 12-24US

**Trailer Converter Unit
12V to 24V with PLC
ISO 7638 and 7N plug**



Complete trailer converter system to operate a European trailer with 24Volt at an American or Canadian towing vehicle. PLC signal conversion for the failure status from the trailer to the truck is implemented.

- * contains all components for "plug and drive"
- * input socket 7 pin "N" Standard is allocated according to NATO-coiled cable for US-Canada trucks
- * output 1: 7pin "N" 24V for lights
- * output 2: 7 pin ABS / EBS connector ISO 7638
- * assembled with our converters ASV 12-24-7H and ABS12-24
- * stainless steel modul rack

input voltage:

9 ... 18V DC

output voltage:

27V +-5%

output power lights:

2x260W + 3x130W,
maximum 500W nominal

output current ABS / EBS:

10A / max 15A modulator,
0,5 / max 1A control unit

input connection:

socket "7N" ISO'1185, NATO-
allocation

output 1 connection:

plug "7N" ISO'1185 with ISO-
allocation

output 2 connection:

ABS / EBS plug 24V ISO'7638

cable length outputs:

app. 1000mm

dimensions:

440 x 144 x 65mm rack
without cable outlet and socket

mechanical protection:

solid casting of each
component

weight:

app. 6,10 kg

approval:

E1 10R-047161

e1-024256

Order Info:

10193