

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 24V 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 run"
- * input socket 7 pin "N" Standard is allocated according to NATO-coiled cable for US-Canada trucks
- output 1: 7pin "N" 24V plufor lights
- * output 2: 7 pin ABS / EBS connector ISO 7638
- * assembled with our converters ASV 12-24-7H and ABS 12-24 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. 6350g

Order Info: _____

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