



LOCC-Box
goes
TRDP

■ Transportation Solutions

LOCC-Box Rail with TRDP-Gateway

**Intelligent current control system
for 24 V onboard supplies**

**The new TRDP-Gateway allows the
entire intelligence of the LOCC-Box Rail
to be used via vehicle control system**

Comply with the standards EN 50155,
EN 50121-3-2, EN 61373 and EN 45545-2

LOCC-Box Rail with TRDP-Gateway



Key features

- Status indication, diagnostics and configuring via TRDP
- Up to 20 LOCC-Boxes can be connected to the gateway
- Parameterization of triggering current and characteristic local or remotely
- Predictive maintenance: Permanent current monitoring of connective loads enables timely detection of upcoming failure and energy management
- Switching on and off remotely; no longer need of installation centrally in an accessible space
- Can also be used as remote output modules with up to 7 A at a width of only 8.1 mm
- Operation independent of TRDP connection



Part. No.	802131
Description	LOCC-Box Gateway TRDP
Safety integrity	Basic integrity acc. to EN 50657
Fieldbus/Diagnostics	Ethernet 802.3, 100 Base TX with TRDP (TCNOpen V1.4.1.0)
Module type	Generic
Connection type	M12 female, D-coded
Local bus	LOCC-Bus interface
Module type	Master
	Max. number of connectable slaves: 20
Connection type	Push-In X1.3 (C): single wire bus
Diagnostic and configuration	Via Webserver: Default IP 10.0.1.29 (Bridge mode) LOCC-Pads (via SSH) from version 3.8.5.0
Supply voltage	DC 24 to 36 V
Temperature range	-40 °C to +70 °C



Part. No.	819502	819503
Description	LOCC-Box Net Rail	
Rated voltage	DC 24 V	
Current range	1 – 10 A (adjustable in 1 A steps)	
Characteristic	Fast, medium, slow 1, -2, -3	
Adjustment	Rotary switch	Software
Connection type	Push-In	
Temperature range	-40 °C to +70 °C	

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