



- § Receiving and evaluating unit for prioritizing public transport vehicles at traffic lights (for vehicles with a radio)
- § Parallel and serial interface to TLS control units
- § PC interface for service, diagnosis and maintenance
- § Analog radio: R09.10 to R09.16
- § Interface to external analog radio receiver (WZ LSA 2-3)
- § 32 integrated relay outputs, expandable using a slave module
- § Status signaling for the outputs using LED
- § Software for data supply to the telegram filter is freely available



Option:

- § SD card as removable data storage for telegrams and protocols

Technical information

Case	Dimensions: 220 mm x 100 mm x 125 mm Weight: 800 g without accessories
Operating temperature	- 25°C ... + 60°C without condensation
Storage temperature	- 25°C ... + 60°C
IP protection	IP20
Supply	
Operating voltage	24 VDC -15%/+20%
Operating voltage range	12 VDC ... 30 VDC
Power input	6 W
<u>Interfaces:</u>	
TLS control units	USB, RS232, parallel relay outputs
PC	USB, RS232
Galvanic isolation (COM1 / COM2 / Service)	Yes
Memory	For 1000 telegrams, expandable with SD card
<u>Relay outputs:</u>	
Number	32 (expandable to 64 using interface)
Galvanic isolation	Yes, between the outputs as well as between the output and internal circuit
Connector type	Terminal block
Description	Relay outputs
Type	Two-way contact
Rated current	500 mArms
Rated voltage	24 Vrms
Current type	AC / DC

Technical data



Operating cycles	5 x 10 ⁶
Contact resistance max.	100 mΩ
Short-circuit-proof¹	Yes, up to double the rated current
Closing speed max.	8 ms
Opening speed max.	4 ms
Function	Non-storing
EMC:	
EMC susceptibility	HD 638 S1:2001
EMC emission	HD 638 S1:2001

deTRAov configuration	Basic configuration Telegram filter configuration Readout of configuration and telegram filter Time synchronization Download / deletion of stored telegrams Online visualizing and simulation of telegrams Export and printing function
------------------------------	---

Software

Basic device deTRAov Priority module	(Article no. 171)
Accessories deTRAov accessory kit consisting of: Radio receiver 2m band (WZ LSA 2-3/G) Rod antenna - BN 510 368 (163 - 174 MHz, TNC) Connection cable for radio receiver PC Service USB cable A plug / B plug	(Article no. 149)

Scope of delivery

Accessories

- technical information subject to change without notice -

¹ If a short circuit current of more than double the rated current can be expected, an overvoltage protection device from 2 A slow is to be used.