



- § For 230 VAC lamps
- § 3 signal heads (9 supervised lamps)
- § 2 potential-free outputs for controlling acknowledgement lamps for pedestrian buttons or coordination impulses for following systems, for example
- § 4 potential-free inputs for pedestrian detectors, loop and public transport detectors or for system coordination, for example
- § For insertion in the 19" switch card case



Technical data

Mechanical

19"-3 HU, 4 HP plug-in card, for inserting in the switch card case

Operating temperature

- 25°C ... + 60°C without condensation

Storage temperature

- 25°C ... + 85°C

IP protection

IP20 (inserted in the switch card case)

Operating voltage

230 VAC / 50 Hz

Signal head

9 signal switches (230 VAC, each 5...50 W) on 3 channels (blocking, transient, releasing signal)

Signal backup

Red signal: adjustable undercurrent threshold
Green signal: recognition of incorrect signals

$U_{ext} > 25 V$

All signals: lamp failure

CRC monitoring of the signal backup information

Over the control computer deTRAcon

Configuration

Standards

DIN VDE 0832 (Feb. 2002)

DIN EN 12675 (Dec. 2000)

DIN VDE 0100

RiLSA

Field bus

CAN bus 100 kb/s, V2.0 part B (active), galvanically isolated, switchable terminating resistor on last CAN node

Address setting

hard-wired in the switch card case

Digital inputs:

Number

4

Galvanic isolation

Yes

Rated voltage

24 VDC

Connection type

Back-wiring of the switch card case

0 state

Input open

1 state

Input connected with 0 V

Power I_0 through switch

0 mA

Power I_1 through switch

Max. 15 mA

Technical data



Additional outputs:

Supervising	No
Number	2
Galvanic isolation	Yes, between the outputs as well as between the output and internal circuit
Connection type	Back-wiring of the switch card case
Output type	Electromechanical relay outputs
Contact type	Normally open contact
Max. switching voltage	230 VAC
Max. switching current	6 A ($\cos\varphi = 1$) / 1 A ($\cos\varphi = 0.6$)
Min. switching current	100 mA / 5 VDC
Current type	AC / DC
Operating cycles	5×10^6
Contact resistance max.	100 m Ω
Short-circuit proof	No
Closing speed max.	8 ms
Opening speed max.	4 ms

Scope of delivery

Switch card 230 VAC centralized (Article no. 104)

Accessories

Switch card case (Article no. 103)

**Scope of
delivery**

Accessories

- technical information subject to change without notice -