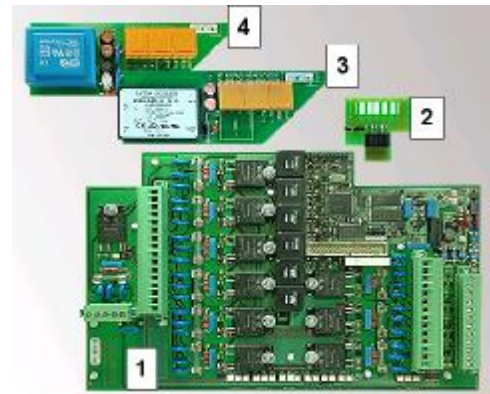




- § For 230 VAC lamps
  - § 3 signal heads (9 supervised lamps)
  - § 2 potential-free outputs for controlling acknowledgement lamps for pedestrian buttons or coordination impulses for following systems, for example
  - § 4 potential-free inputs for pedestrian detectors, loop and public transport detectors or for system coordination, for example
  - § For installation in the signal head case
  - § Power adapter for generating 5 VDC and 24 VDC included
  - § Address coding plug included
- (1) Decentralized switch card
  - (2) CAN coding plug
  - (3) Power adapter 5 V (regulated)
  - (4) Power adapter 24 V (unregulated) to supply power to the inputs



### Technical data

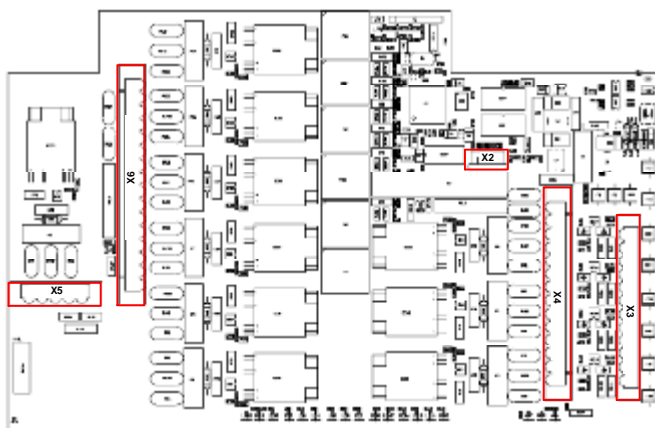
<b>Dimensions</b>	Dimensions (of 1): 250 mm x 163 mm
<b>Operating temperature</b>	- 25°C ... + 60°C with condensation
<b>Storage temperature</b>	- 25°C ... + 85°C
<b>IP protection</b>	IP21 (installed in the signal head, cover closed)
<b>Operating voltage</b>	230 VAC / 50 Hz
<b>Fuses</b>	5 x 20 4 A slow 10 pcs.
<b>Signal head</b>	9 signal switches (230 VAC, each 5...50 W) on 3 channels (blocking, transient, releasing signal)
<b>Signal backup</b>	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
<b>Configuration</b>	
<b>Standards</b>	DIN VDE 0832 (Feb. 2002) DIN EN 12675 (Dec. 2000) DIN VDE 0100 RiLSA
<b>Field bus</b>	CAN-bus 100kb/s, V2.0 part B (active), galvanically isolated, terminating resistor on last CAN node
<b>Address setting</b>	Using a CAN coding plug, permanent after a single address setting
<b><u>Digital inputs:</u></b>	
<b>Number</b>	4
<b>Galvanic isolation</b>	Yes
<b>Rated voltage</b>	24 VDC
<b>Connector type</b>	Screwed plug connector

### Technical data



<b>0 state</b>	Input open
<b>1 state</b>	Input connected with 0 V
<b>Power I<sub>0</sub> through switch</b>	0 mA
<b>Power I<sub>1</sub> through switch max.</b>	15 mA
<b><u>Additional outputs:</u></b>	
<b>Number</b>	2
<b>Supervising</b>	No
<b>Galvanic isolation</b>	Yes, between the outputs as well as between the output and internal circuit
<b>Connector type</b>	Screwed plug connector
<b>Output type</b>	Electromechanical relay outputs
<b>Contact type</b>	Normally open contact
<b>Max. switching voltage</b>	230 VAC
<b>Max. switching current</b>	6 A (cosφ = 1) / 1 A (cosφ = 0.6)
<b>Min. switching current</b>	100 mA / 5 VDC
<b>Current type</b>	AC / DC
<b>Operating cycles</b>	5 x 10 <sup>6</sup>
<b>Contact resistance max.</b>	100 mΩ
<b>Short-circuit proof</b>	No
<b>Closing speed max.</b>	8 ms
<b>Opening speed max.</b>	4 ms
<b>Function</b>	Non-storing

### Connections:



X5	X6	X4	X3
1 N	1 PE	1 L_RD_A	1 24P_4
2 N	2 U_OUT1	2 N_RD_A	2 G24_4
3 PE	3 HOT_OUT1	3 L_YE_A	3 DIN4
4 L	4 N_OUT1	4 N_YE_GN_A	4 24P_3
5 L	5 L_GN_C	5 N_YE_GN_A	5 G24_3
	6 N_YE_GN_C	6 L_GN_A	6 DIN3
	7 N_YE_GN_C	7 U_OUT2	7 24P_2
	8 L_YE_C	8 HOT_OUT2	8 G24_2
	9 N_RD_C	9 N_OUT2	9 DIN2
	10 L_RD_C	10 CANGND	10 24P_1
	11 L_GN_B	11 CANH	11 G24_1
	12 N_YE_GN_B	12 CANL	12 DIN1
	13 N_YE_GN_B	13 GND	
	14 L_YE_B	14 VCC	
	15 N_RD_B		
	16 L_RD_B		

### Scope of delivery

Switch card 230 VAC decentralized  
incl.:  
CAN coding plug  
Power adapter 5 V  
Power adapter 24 V

(Article no. 105)

**Scope of delivery**

- technical information subject to change without notice -

