



# NEW!

## PRODUCT INFORMATION

# CT11xx/08

Innovative power contactors  
for DC and AC railway applications



With the CT1115/08 and CT1130/08 Series contactors Schaltbau expands its product range of new and innovative switching devices: Power contactors in the class up to 800 A!

The revolutionary arc quenching technology allows the almost unrestricted use of the contactor in AC and DC railway networks, even in countries where the usual tolerances are exceeded. The contactor guarantees reliable, low-wear switching of very low and high loads.

### Features:

- Double-break NO contacts
- Compact, rugged design
- Drives with coil tolerances according to railway standard
- Low maintenance and long life

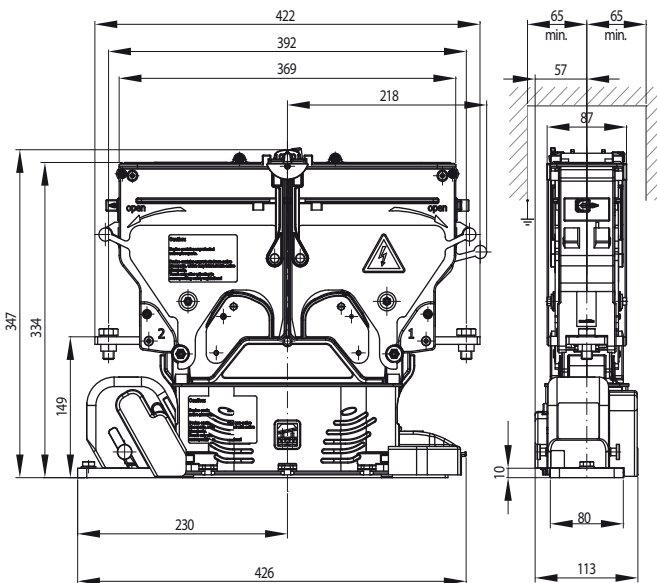
### Standards:

- IEC 60077, EN 50124-1

### Applications:

- Main contactor for traction motors and converters
- Circuit breaker for heating circuits
- Contactor for switching high currents

## Dimension diagram



## Specifications

Series	CT1115/08	CT1130/08
Type of voltage	DC (bidirectional), AC (f < 60 Hz)	
Main contacts	1 x NO	
Nominal voltage $U_n$	1,500 V	3,000 V
Rated operating voltage $U_e$	1,800 V	3,600 V
Rated insulation voltage $U_{Nm}$	3,000 V	4,800 V
Rated impulse withstand voltage $U_{Ni}$	15 kV	25 kV
Pollution degree	PD3	PD3
Overtoltage category	OV3	OV3
Conventional thermal current $I_{th}$	800 A	800 A
Auxiliary contacts	1 x S870 (a <sub>1</sub> ), 1 x S870 (b <sub>0</sub> ), 2 x S826 or 4 x S826	
Coil voltage $U_s$	24 / 36 / 72 / 110 V DC	
Mounting position	horizontal or vertical	
Temperature	-40° C ... +70° C	
Mechanical endurance	> 2,000,000 operating cycles	