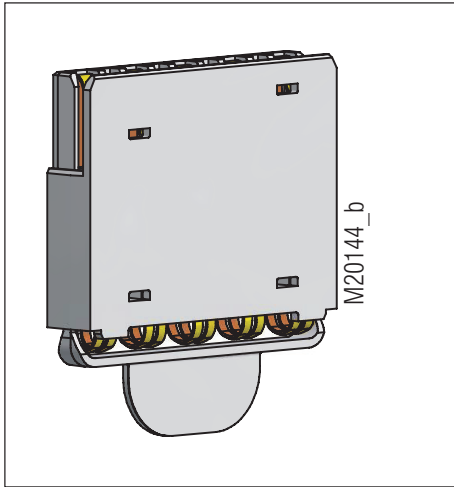


# In-Rail-Bus

Spring contact block 5-poles, pluggable  
KS 4460-15



## Approvals and Markings



\*) in preparation

### Your Advantages

- Simple and safe mounting with plug-in-technology offers also an additional or alternative In-Rail-Bus-connection
- Integrated coding prevents incorrect assembly
- Gold-plated twin arched contacts ensure a permanent and reliable contact

### Features

- Suitable for pcbs with 1.0 and 1.5 mm thickness
- Current carrying capacity up to 5A per contact spring
- Unlimited scalability covers all systems widths starting from 6 mm slices

## Technical Data

Type	pcb thickness (mm)	Dimension X	X
KS 4460-15.00 0 19	1	1,1	
KS 4460-15.00 1 19	1,5	1,6	

**Enclosure material:** Polyamid PA46

Temperature stability	
compl. with EN 75-1/2 (1.8 MPa):	290 °C
compl. with EN 75-1/2 (0.45 MPa):	290 °C

### Flame retardancy

complying with UL 94: V-0

### Bus rails:

5

### Contact material:

Copper alloy, gold plated

### Max. contact resistance

Spring contact block - bus element  $\leq 20 \text{ m}\Omega$

### Max. current carrying capacity:

5 A (per bus element); 25 A (max. total current)

### Spring contact on bus element:

100 cN (double contacts)

### Spring contact block fixing:

Plug in with pcb

### Creepage current resistance:

CTI 325  $\hat{=}$  insulating material III a IEC 60 664-1

### Air gap and creepage distance:

$\geq 2.0 \text{ mm}$  IEC 60 664-1

### Voltage $U_{\text{eff}}$ :

63 V

### Overvoltage category:

II

### Rated impuls voltage $U_{\text{Bem}}$ :

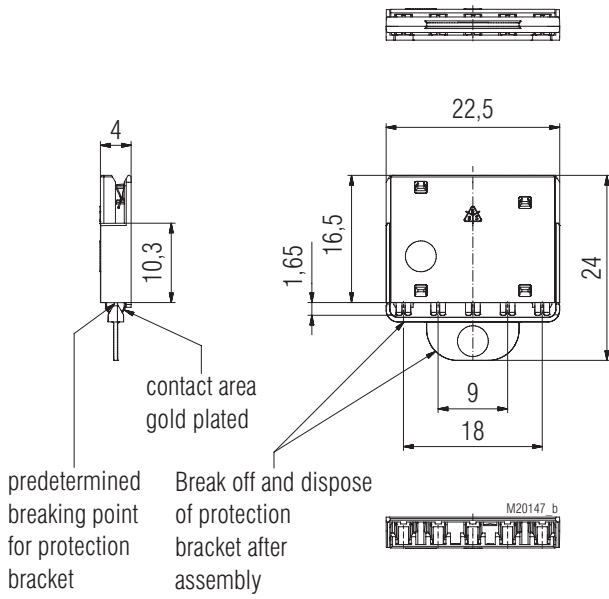
0.8 kV

### Pollution degree:

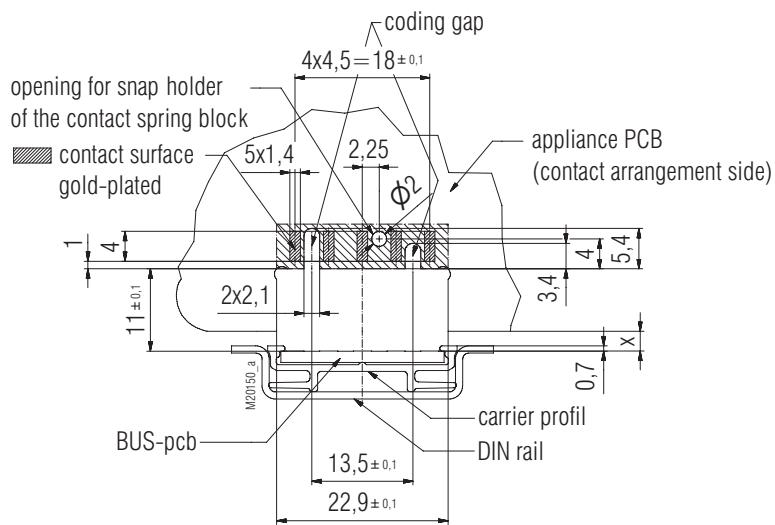
3

More informationen  
see datasheet  
In-Rail-Bus

## Dimension



## Drilling plan

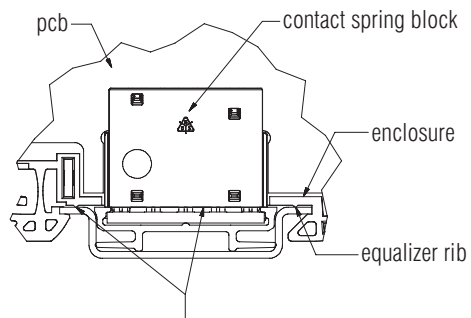


X= distance, between BUS pcb and appliance pcb

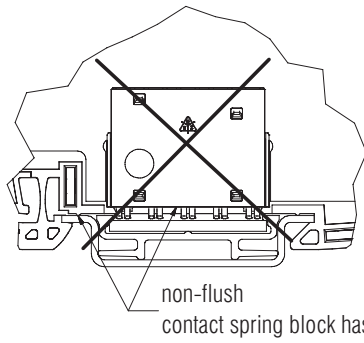
- non-dimensioned radii R1
- Blocked area
- General tolerance: PER FAG 2E

## Configuration of the spring contact block

positioning of the contact spring block on the pcb

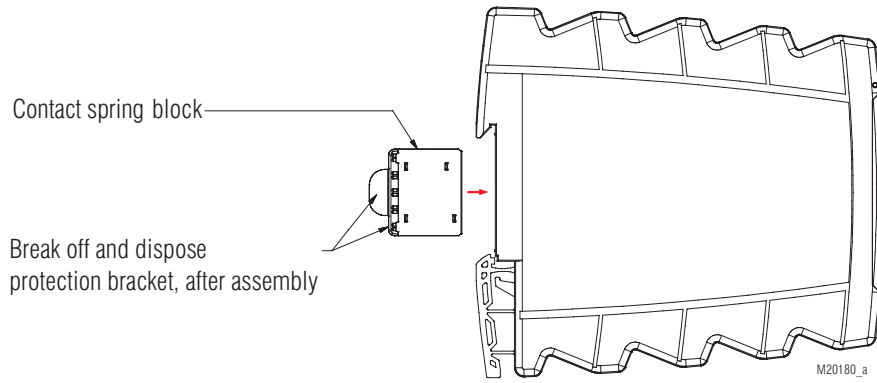


Attention: Contact spring block must be positioned flush to the lower edge of the enclosure and the DIN rail in order to ensure a perfect contacting.



ME0153\_a

## Installation



A ( 10 : 1 )

