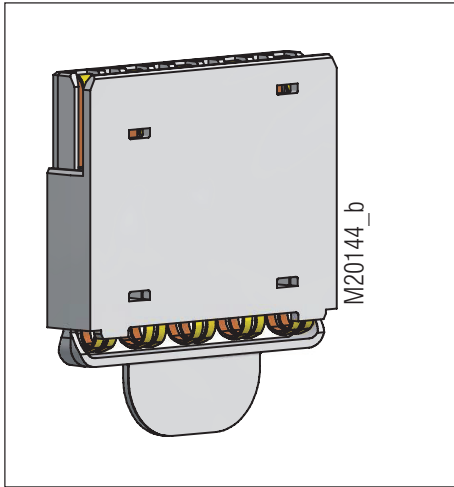


In-Rail-Bus

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 ≤ 20 mΩ

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 ≙ insulating material III a IEC 60 664-1

Air gap and creepage distance:

≥ 2.0 mm IEC 60 664-1

Voltage U_{eff} :

63 V

Overvoltage category:

II

Rated impuls voltage U_{Bem} :

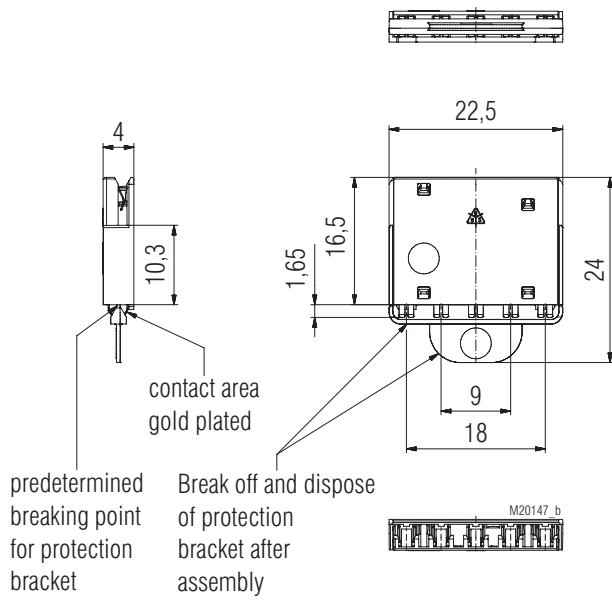
0.8 kV

Pollution degree:

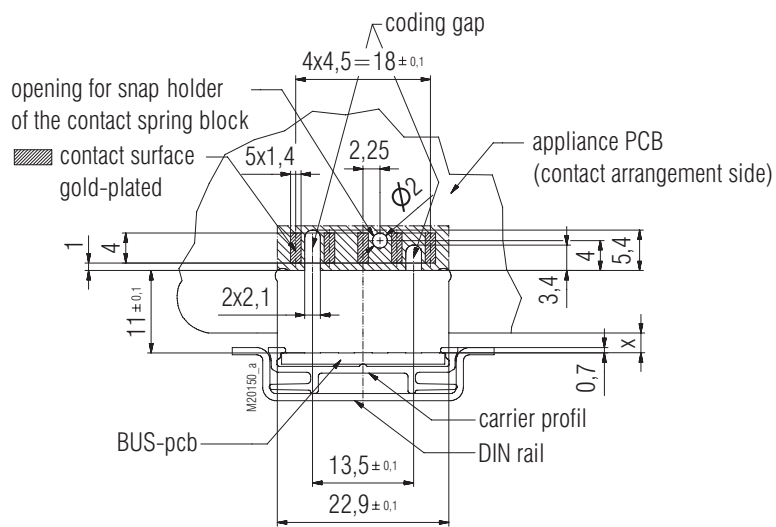
3

More informationen
see datasheet
In-Rail-Bus

Dimension



Drilling plan

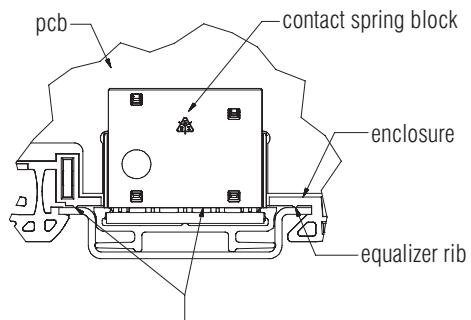


X= distance, between BUS pcb and appliance pcb

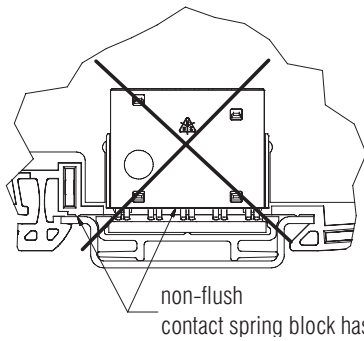
- non-dimensioned radii R1
- Blocked area
- General tolerance: PER FAG 2E

Configuration of the spring contact block

positioning of the contact spring block on the pcb

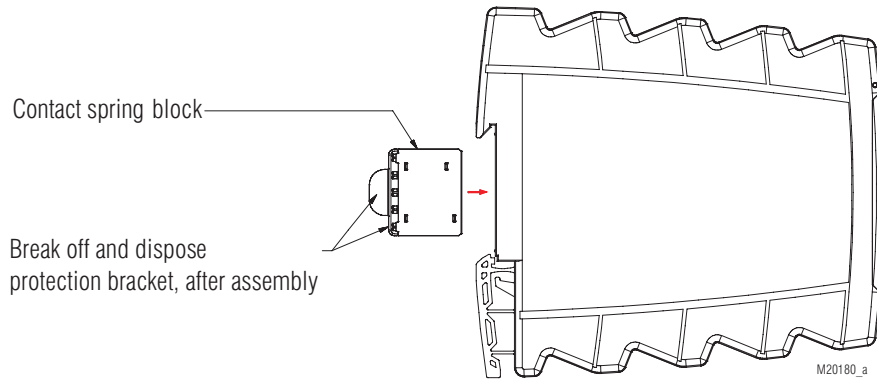


Attention: Contact spring block must be positioned flush to the lower edge of the enclosure and the DIN rail in order to ensure a perfect contacting.



M20153_a

Installation



A (10 : 1)

