

# CTM EST - Short-circuit connector

2838649

<https://www.phoenixcontact.com/us/products/2838649>

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LSA-PLUS grounding plug (COMTRAB CTM) to short-circuit and ground potentials in CT-TERMIBLOCK... and disconnect strip CT 10...

## Your advantages

- Space-saving due to compact design
- Flexible fields of application with modular protective plug
- Can be used in LSA-PLUS disconnect and control strips or CT-TERMIBLOCK via adapted connection technology

## Commercial data

Item number	2838649
Packing unit	10 pc
Minimum order quantity	1 pc
Product key	CL321Z
GTIN	4017918907631
Weight per piece (including packing)	8.11 g
Weight per piece (excluding packing)	8 g
Country of origin	DE

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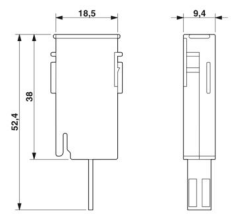
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## Technical data

### Product properties

Product type	Ground plug
Product family	COMTRAB
Type	LSA-PLUS module
Number of positions	2

### Dimensions

Dimensional drawing	
Width	9.5 mm
Height	21 mm
Depth	53.5 mm

### Material specifications

Color	black (RAL 9005)
	copper color
Flammability rating according to UL 94	V-0
Housing material	PA

### Mechanical properties

#### Mechanical data

Open side panel	No
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### Protective circuit

Rated current	1.5 A (25 °C)
Total discharge current $I_{Total}$ (8/20) $\mu$ s	10 kA
Total discharge current $I_{Total}$ (10/350) $\mu$ s	2.5 kA

### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP20
	IP20
Ambient temperature (operation)	-25 °C ... 75 °C

### Standards and regulations

#### Air clearances and creepage distances

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Standards/regulations	DIN VDE 0110-1 / IEC 60664-1
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## Mounting

Mounting type	On CT-TERMBLOCK and LSA-PLUS disconnect strip
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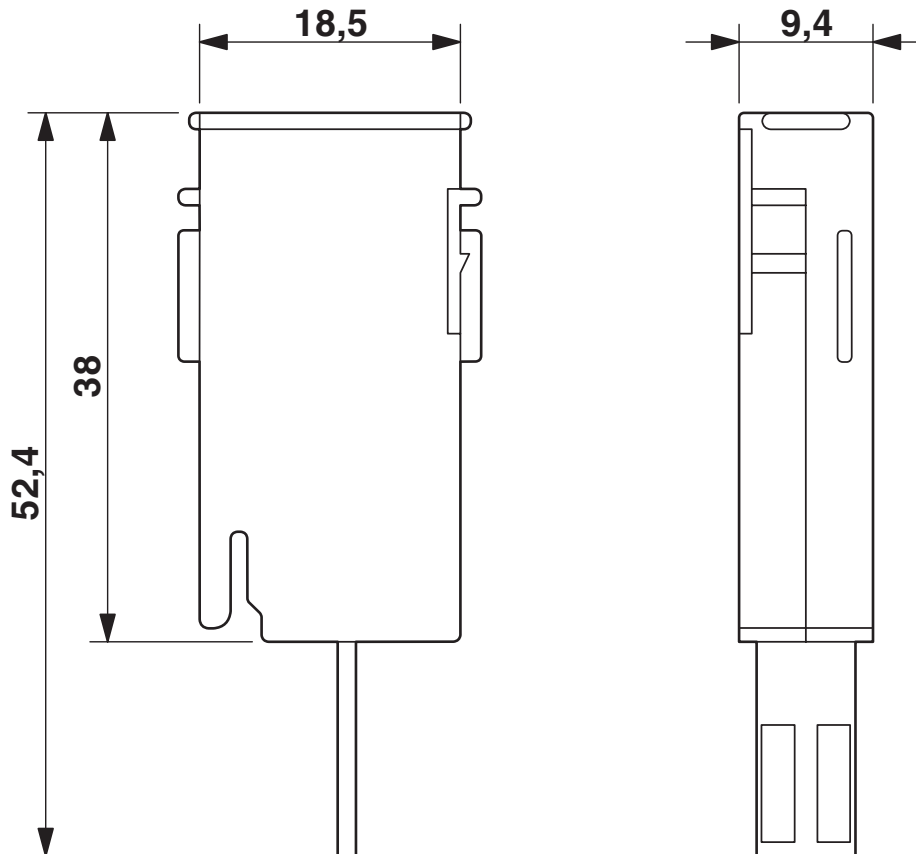


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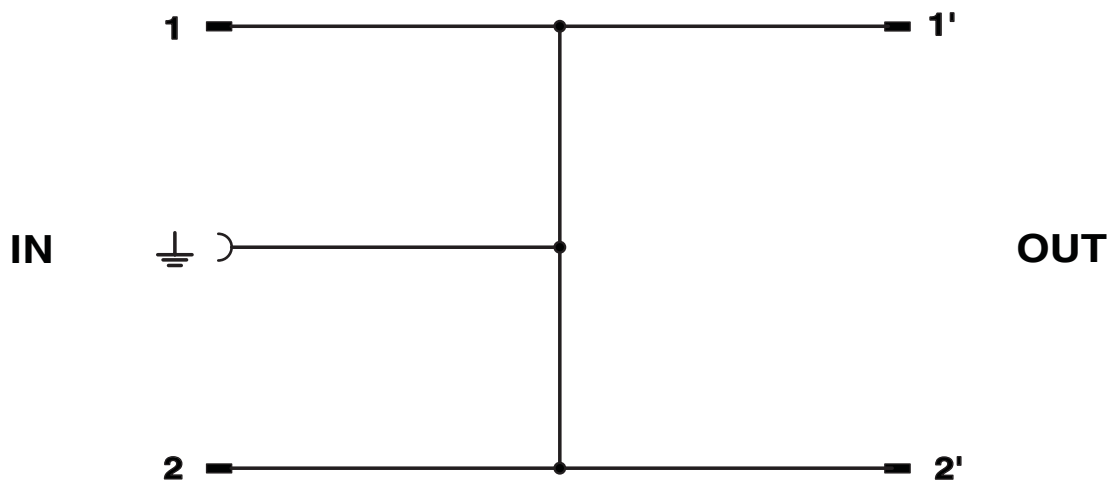
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## Drawings

Dimensional drawing



Circuit diagram



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## Classifications

### ECLASS

ECLASS-13.0	27171503
ECLASS-15.0	27171503

### ETIM

ETIM 10.0	EC001466
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### UNSPSC

UNSPSC 21.0	39121600
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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### EF3.1 Climate Change

CO2e kg	1.368 kg CO2e
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