

# Magazine - CT 10-2/2-GS/3E-110AC - 2920829

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




LSA-PLUS coarse protection magazine for 10 double conductors, equipped with 10 three-electrode gas-filled surge arresters.

## Your advantages

- ✓ For use in CT-TERMIBLOCK or in LSA-PLUS and LSA-PROFIL disconnect and terminal strips
- ✓ Fitted with up to 10 three-electrode arresters filled with inert gas
- ✓ When the gas-filled arrester is triggered, the potentials of the three connections a-b-... are equalized
- ✓ Coarse protection both in the normal mode voltage branch and the common mode voltage branch for 10 double wires



## Key Commercial Data

Packing unit	10 pc
GTIN	 4 046356 181822
GTIN	4046356181822

## Technical data

### Dimensions

Height	22.5 mm
Width	113.3 mm
Depth	41.35 mm

### Ambient conditions

Ambient temperature (operation)	-25 °C ... 75 °C
Altitude	≤ 2000 mm (amsl (above mean sea level))
Degree of protection	IP20

### General

Housing material	PBT
Flammability rating according to UL 94	V-0
Color	gray

# Magazine - CT 10-2/2-GS/3E-110AC - 2920829

## Technical data

### General

Standards for clearances and creepage distances	VDE 0110-1
	IEC 60664-1
Mounting type	On CT-TERMIBLOCK and LSA-PLUS disconnect strip
Type	LSA-PLUS module
Number of positions	20
Direction of action	Line-Line & Line-Earth Ground

### Protective circuit

IEC test classification	C2
	C3
	D1
Nominal voltage $U_N$	110 V AC
Maximum continuous voltage $U_C$	60 V DC
	130 V AC
Rated current	1.5 A AC (per path)
	150 mA DC (per path)
Operating effective current $I_C$ at $U_C$	$\leq 1 \mu\text{A}$ (per path)
Residual current $I_{PE}$	$\leq 20 \mu\text{A}$
Nominal discharge current $I_n$ (8/20) $\mu\text{s}$ (line-earth)	5 kA
Pulse discharge current $I_{imp}$ (10/350) $\mu\text{s}$ (line-earth)	2.5 kA
Nominal pulse current $I_{an}$ (10/1000) $\mu\text{s}$ (line-earth)	100 A
Output voltage limitation at 1 kV/ $\mu\text{s}$ (line-earth) spike	$\leq 500 \text{ V}$
Response time $t_A$ (line-earth)	$\leq 100 \text{ ns}$
Capacity (line-earth)	typ. 5 pF
Resistance per path	$\leq 10 \text{ m}\Omega$
Surge protection fault message	none
Impulse durability (line-earth)	C2 - 10 kV / 5 kA
	C3 - 100 A
	D1 - 2.5 kA
Alternating current carrying capacity (line-earth)	10 A - 1 s

### Connection data

Connection method	can be plugged into COMTRAB-TERMIBLOCK and LSA-PLUS disconnect and switching strips
Connection method IN	COMTRAB plug-in system
Connection method OUT	COMTRAB plug-in system
Connection technology	LSA-PLUS

### Connection, equipotential bonding

Connection method	Spring contact
-------------------	----------------

### Standards and Regulations

Standards/specifications	IEC 61643-21 2000 + corrigendum 2001 + A1:2008, modified + A2:2012
--------------------------	--

# Magazine - CT 10-2/2-GS/3E-110AC - 2920829

## Technical data

### Standards and Regulations

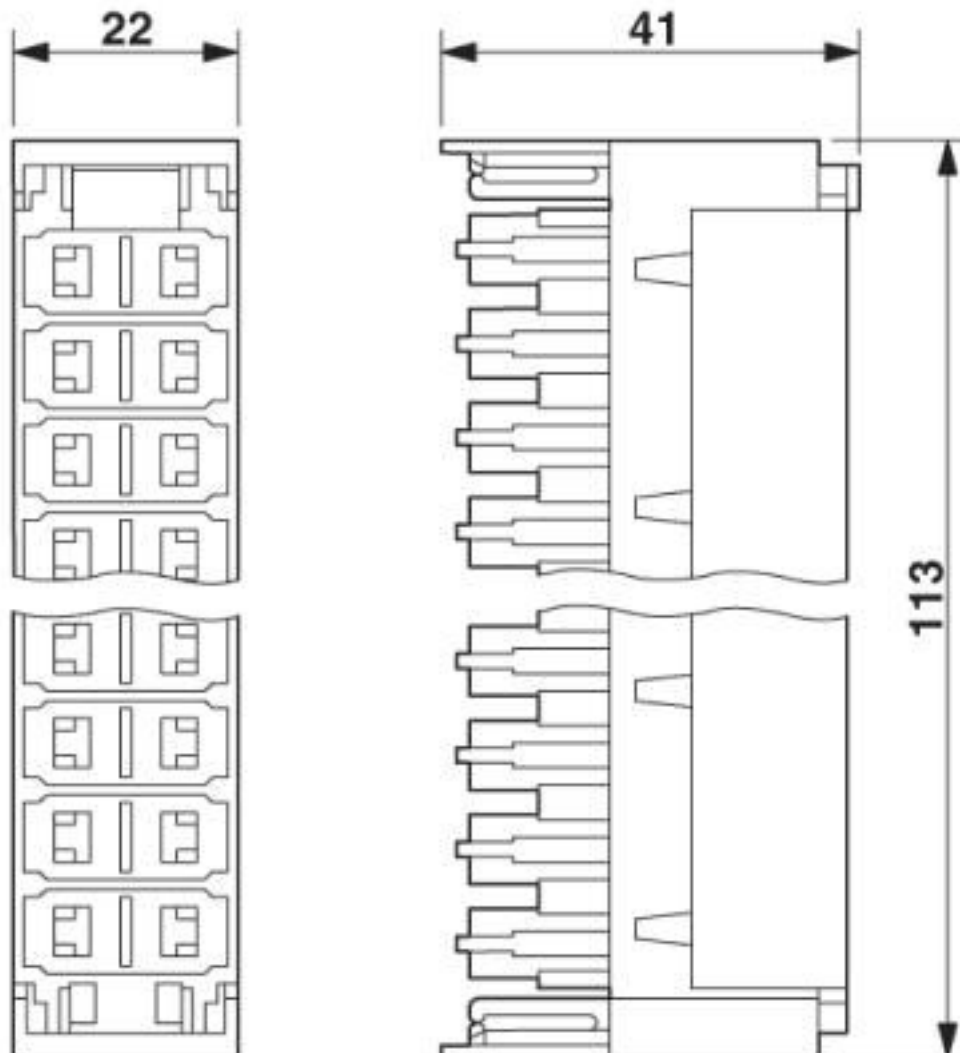
	EN 61643-21 2001 + A1:2009 + A2:2013
--	--------------------------------------

### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

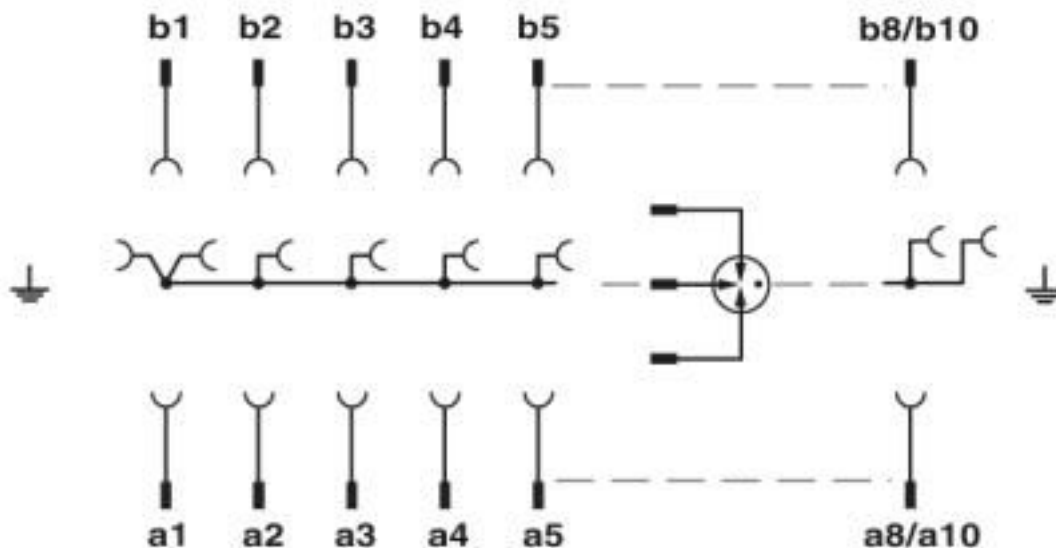
## Drawings

Dimensional drawing



# Magazine - CT 10-2/2-GS/3E-110AC - 2920829

Circuit diagram



## Classifications

eCl@ss

eCl@ss 10.0.1	27130807
eCl@ss 4.0	27130800
eCl@ss 4.1	27130800
eCl@ss 5.0	27130800
eCl@ss 5.1	27130800
eCl@ss 6.0	27130800
eCl@ss 7.0	27130807
eCl@ss 8.0	27130807
eCl@ss 9.0	27130807

ETIM

ETIM 2.0	EC000943
ETIM 3.0	EC000943
ETIM 4.0	EC000943
ETIM 5.0	EC000943
ETIM 6.0	EC000943
ETIM 7.0	EC000943

UNSPSC

UNSPSC 6.01	30212010
UNSPSC 7.0901	39121610
UNSPSC 11	39121610
UNSPSC 12.01	39121610
UNSPSC 13.2	39121620

# Magazine - CT 10-2/2-GS/3E-110AC - 2920829

## Classifications

### UNSPSC

UNSPSC 18.0	39121620
UNSPSC 19.0	39121620
UNSPSC 20.0	39121620
UNSPSC 21.0	39121620

## Approvals

### Approvals

Approvals

EAC

Ex Approvals

### Approval details

EAC		RU C- DE.*09.B.00169
-----	--	-------------------------

## Accessories

### Necessary add-on products

Disconnect strip - CT 10-TL - 2765356



LSA-PLUS disconnect strip to hold the CTM and CT 10 protection modules. Version: 10 double conductors, dimension A: 124 mm.

Screw termination block - CT-TERMIBLOCK 10 DA - 0441711



Screw termination block with disconnect contacts for accommodating protective plugs CT and CTM. Use in MCR and telecommunications systems. Design: 10 double wires

### Additional products

## Magazine - CT 10-2/2-GS/3E-110AC - 2920829

### Accessories

Mounting clip - CT 10-MB/ 3 - 2765372



Mounting clip, for holding 3 disconnect or ground wire strips. Version: 10 double conductors, dimensions: A 104.5 mm, B 65 mm.

---

Mounting clip - CT 10-MB/10 - 2765385



Mounting clip, for holding 10 disconnect or ground wire strips. Version: 10 double conductors, dimensions: A 104.5 mm, dimensions B 245.5 mm

---

Cable feed-through sleeve - CT-KDT - 2765518



Cable bush for assembly troughs, for protection of the lines guided through the laminated frame

---

Shield connection - SSA 3-6 - 2839295



Shield fast connection for 3 ... 6 mm cable diameter. Potential connecting cable: 200 mm, 1 mm<sup>2</sup>, color: black

---

Shield connection - SSA 5-10 - 2839512



Shield fast connection for 5 ... 10 mm cable diameter. Potential connecting cable: 200 mm, 1 mm<sup>2</sup>, color: black

---

### Spare parts

## Magazine - CT 10-2/2-GS/3E-110AC - 2920829

### Accessories

Gas-filled surge arrester - SVP 3E-110AC - 2765521



3-electrode gas-filled surge arrester, nominal voltage: 110 V AC

---

Phoenix Contact 2020 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Phoenix Contact:](#)

[2920829](#)