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

2920829

https://www.phoenixcontact.com/gb/products/2920829

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

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	2920829
Packing unit	10 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	CL3212
Product key	CL3212
Catalog page	Page 192 (C-4-2019)
GTIN	4046356181822
Weight per piece (including packing)	73.51 g
Weight per piece (excluding packing)	73 g
Customs tariff number	85363010
Country of origin	DE

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Technical data

Product properties

Product type	Surge protection for information technology
Product family	COMTRAB
IEC test classification	C2
	C3
	D1
Type	LSA-PLUS module
Number of positions	20
Surge protection fault message	none
Wire pairs per module	10

Insulation characteristics

Overvoltage category	III
Pollution degree	2

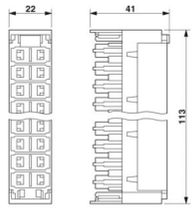
Electrical properties

Nominal voltage U_N	110 V AC

Connection data

Connection method	can be plugged into COMTRAB-TERMIBLOCK and LSA-PLUS disconnect and switching strips

Dimensions

Dimensional drawing	
Width	113.3 mm
Height	22.5 mm
Depth	41.35 mm

Material specifications

Color	gray (RAL 7042)
Flammability rating according to UL 94	V-0
Housing material	PBT

Mechanical properties

Mechanical data

Open side panel	No

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Protective circuit

Direction of action	Line-Line & Line-Earth Ground
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	≤ 1 µA (per path)
Residual current I_{PE}	≤ 20 µA
Nominal discharge current I_n (8/20) µs (line-ground)	5 kA
Pulse discharge current I_{imp} (10/350) µs (line-earth)	2.5 kA
Nominal pulse current Ian (10/1000) µs (line-earth)	100 A
Output voltage limitation at 1 kV/µs (line-earth) spike	≤ 500 V
Response time t_A (line-earth)	≤ 100 ns
Capacity (Core-Earth)	typ. 5 pF
Resistance per path	≤ 10 mΩ
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

Environmental and real-life conditions

Ambient conditions

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

Standards and regulations

Air clearances and creepage distances

Standards/regulations	VDE 0110-1 / IEC 60664-1
Standards/specifications	IEC 61643-21
Note	2000 + corrigendum 2001 + A1:2008, modified + A2:2012
Standards/specifications	EN 61643-21
Note	2001 + A1:2009 + A2:2013

Mounting

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

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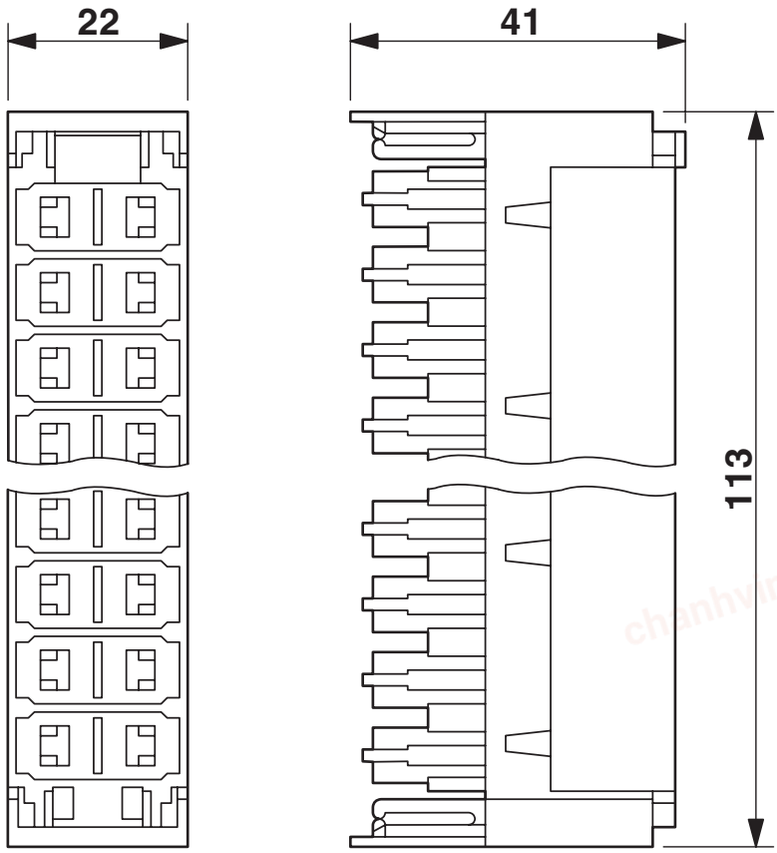
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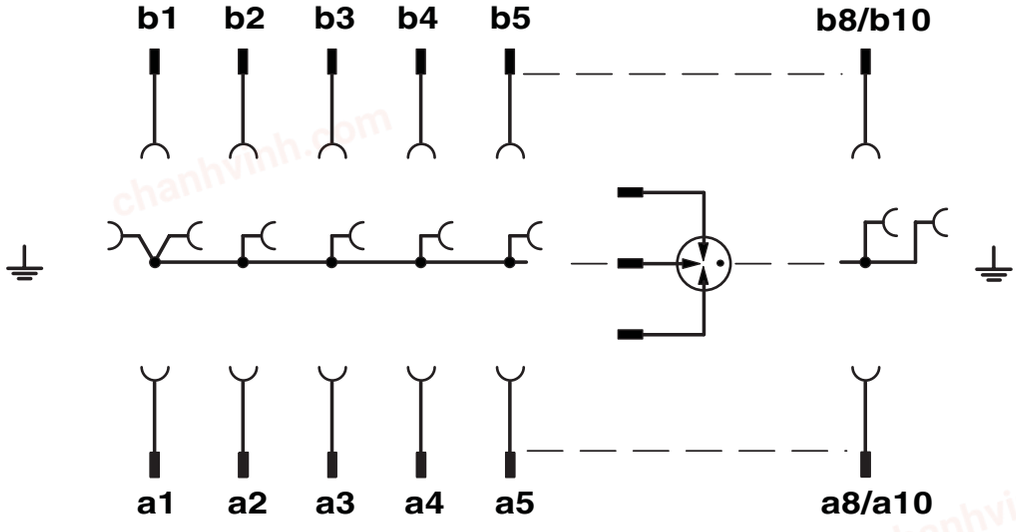
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Drawings

Dimensional drawing



Circuit diagram



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Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/gb/products/2920829

EAC
Approval ID: RU C-DE.*09.B.00169

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Classifications

ECLASS

ECLASS-11.0	27130807
ECLASS-13.0	27171503

ETIM

ETIM 9.0	EC001466

UNSPSC

UNSPSC 21.0	39121600

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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

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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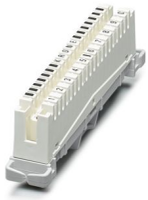
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Mandatory accessories

CT 10-TL - Disconnect strip

2765356

https://www.phoenixcontact.com/gb/products/2765356



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

CT-TERMIBLOCK 10 DA - Screw termination block

0441711

https://www.phoenixcontact.com/gb/products/0441711



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

Accessories

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SSA 3-6 - Shield connection

2839295

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Shield fast connection for 3 ... 6 mm cable diameter. Potential connecting cable: 200 mm, 1 mm^2, color: black

SSA 5-10 - Shield connection

2839512

https://www.phoenixcontact.com/gb/products/2839512



Shield fast connection for 5 ... 10 mm cable diameter. Potential connecting cable: 200 mm, 1 mm^2, color: black

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SVP 3E-110AC - Gas discharge tube

2765521

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

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