

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



2920829

<https://www.phoenixcontact.com/us/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)
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
Country of origin	DE

Technical data

Product properties

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

Insulation characteristics

Overvoltage category	III
Pollution degree	2

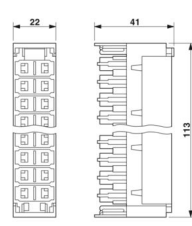
Electrical properties

Nominal voltage U_N	110 V AC
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Connection data

Connection method	can be plugged into COMTRAB-TERMIBLOCK and LSA-PLUS disconnect and switching strips
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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	$\leq 1 \mu\text{A}$ (per path)
Residual current I_{PE}	$\leq 20 \mu\text{A}$
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 I_{an} (10/1000) μs (line-earth)	100 A
Output voltage limitation at 1 kV/ μs (line-earth) spike	$\leq 500 \text{ V}$
Response time t_A (line-earth)	$\leq 100 \text{ ns}$
Capacity (Core-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

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 75 °C
Altitude	$\leq 2000 \text{ mm}$ (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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Classifications

ECLASS

ECLASS-11.0	27130807
ECLASS-13.0	27171503

ETIM

ETIM 9.0	EC001466
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UNSPSC

UNSPSC 21.0	39121600
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Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e No hazardous substances above threshold values
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