

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

- ✓ 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

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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) μs (line-earth)	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 (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
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Standards and Regulations

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

Standards and Regulations

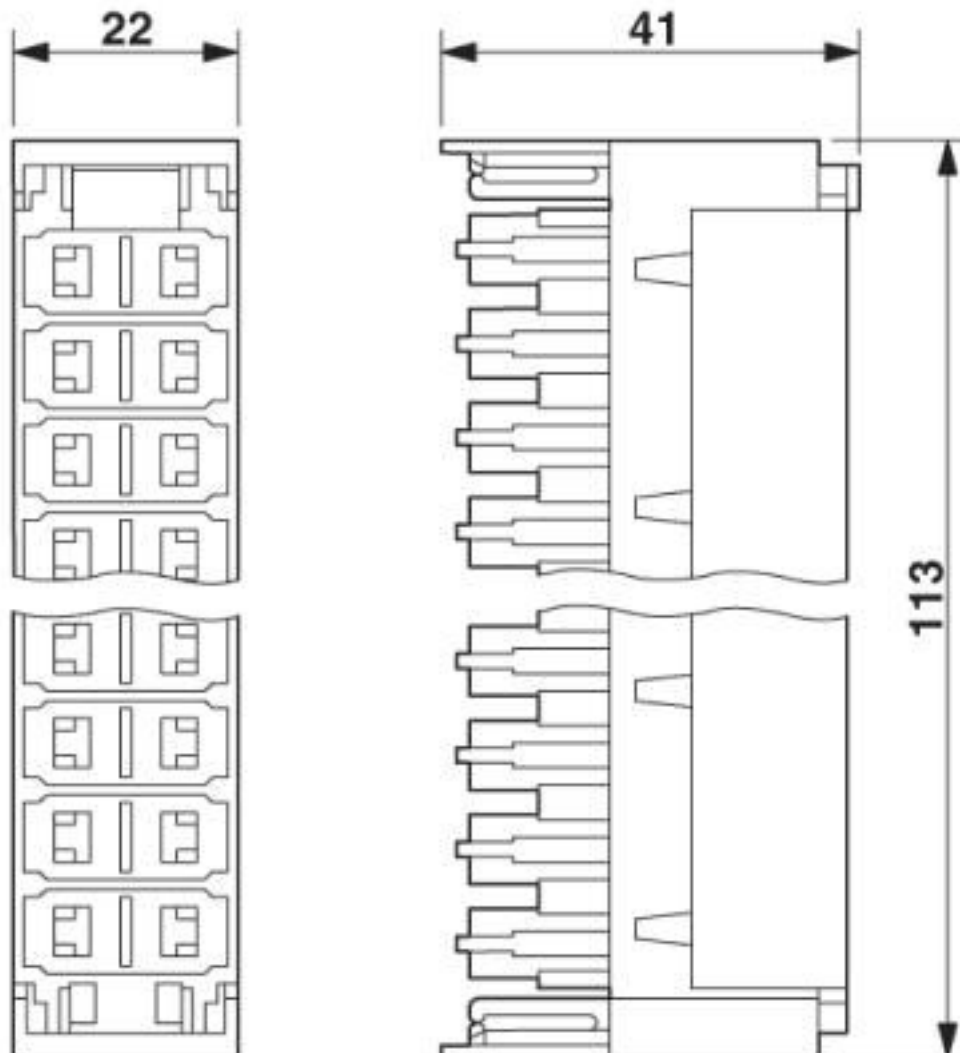
	EN 61643-21 2001 + A1:2009 + A2:2013
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Environmental Product Compliance

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

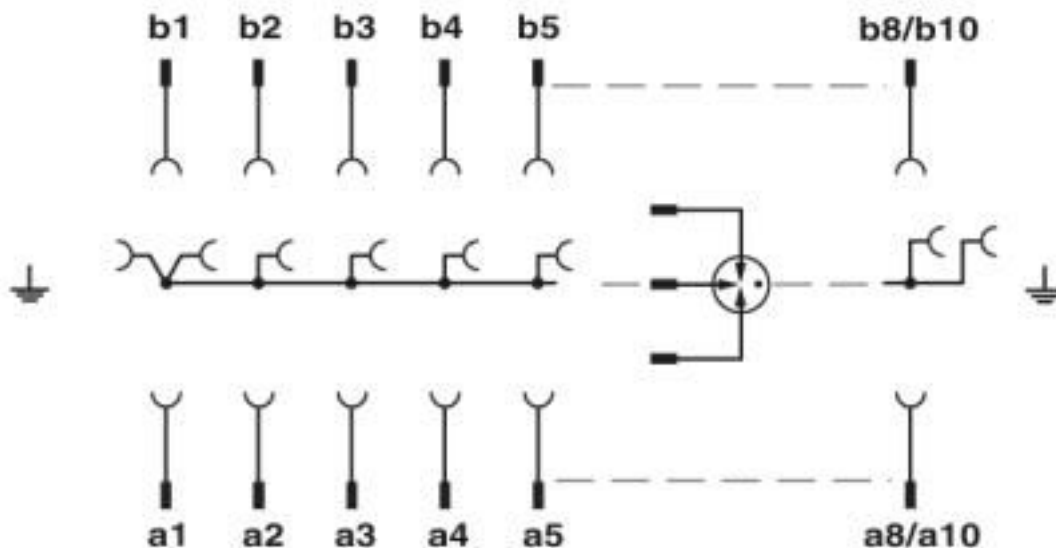
Drawings

Dimensional drawing



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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

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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
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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

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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 mm², color: black

Shield connection - SSA 5-10 - 2839512



Shield fast connection for 5 ... 10 mm cable diameter. Potential connecting cable: 200 mm, 1 mm², color: black

Spare parts

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Accessories

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



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

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[X10506BF](#) [NES](#) [9-1393249-0](#) [802-ESB50UL489](#) [XFPB-4](#) [30.329](#) [X22261102](#) [CX2.5/4/O](#) [Y30019003](#) [PS-1006](#) [618.6335.069](#) [BAC03](#)
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[3PSML401](#) [3PSML402](#) [2LP219](#)