

ANTREX Electronics

Electronic Components Sourcing Information

Product Reference Information

Part Number:	2859628
Manufacturer:	Phoenix Contact
Package:	Module
Availability:	Please confirm with sales

Product Page:

<https://antrexco.com/product/details/phoenix-contact/2859628.html>

Request a Quote:

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Contact Information

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Quality & Trust

New & Original Components

Supplier verification and packaging condition review

CoC / RoHS / REACH documents available on request

Secure sourcing support for OEM / EMS projects

Note:

This PDF includes an ANTREX product reference cover page.

The original manufacturer datasheet follows from the next page.

VAL-CP-175-ST

Order No.: 2859628



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2859628>

Type 2 arrester replacement plug (surge arrester) with high-capacity varistor with low leakage current.

Commercial data

GTIN (EAN)	4 046356 045506
Note	Made-to-order
sales group	J020
Pack	10 pcs.
Customs tariff	85369010
Catalog page information	Page 26 (TT-2009)

Product notes

WEEE/RoHS-compliant since:
12/17/2007



<http://www.download.phoenixcontact.com>
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

Standards

Housing material	PBT
Inflammability class acc. to UL 94	V0
Color	gray

Standards for air and creepage distances	DIN VDE 0110-1
	IEC 60664-1: 1992-10
	IEC 61643-11
	UL 1449
	IEEE C62.1
	IEEE C62.45
	IEC 61643-1
Surge voltage category	III
Pollution degree	2
Degree of protection	IP20
Mounting type	On base element
Design	DIN rail module, two-section, divisible
Number of positions	1
Ambient temperature (operation)	-40 °C ... 80 °C
Message: Surge protection fault	Optical
Direction of action	L-N / L-PEN

Protective circuit

IEC category	II
	T2
EN type	T2
Nominal voltage U_N	120 V AC
Arrester rated voltage U_C	175 V AC
U_T (TOV-proof)	240 V AC (5 sec.)
Nominal frequency f_N	50 Hz
	60 Hz
Ground conductor current I_{PE}	$\leq 300 \mu A$
Standby power consumption P_C	$\leq 17.5 \text{ mW}$
Max. discharge surge current I_{max} (8/20) μs	40 kA
Nominal discharge surge current I_n (8/20) μs	20 kA
Protection level U_p	$\leq 850 \text{ V}$ (at I_n)
Residual voltage	$\leq 700 \text{ V}$ (at 10 kA)
	$\leq 600 \text{ V}$ (at 5 kA)
	$\leq 550 \text{ V}$ (at 3 kA)
	$\leq 850 \text{ V}$
SVR clamp voltage	$\leq 500 \text{ V}$ (UL 1449)

Response time	≤ 25 ns
Max. required backup fuse with branch wiring	125 A (gL/gG)
Short-circuit resistance I _p with max. backup fuse (effective)	25 kA

Connection, protective circuit

Connection type IN	FLASHTRAB/VALVETRAB plug-in system
Connection type OUT	FLASHTRAB/VALVETRAB plug-in system

Standards

Standards/regulations	IEC 61643-1 1998
	DIN EN 61643-11 2002
	UL 1449
	IEEE C62.1 / C62.34 / C62.45

Certificates / Approvals



Certification

CB, CUL, GL, GOST, KEMA, UL

Accessories

Item	Designation	Description
Marking		
0811228	X-PEN 0,35	Marker pen without ink cartridge, for manual labeling of markers, labeling extremely wipe-proof, line thickness 0.35 mm
0809735	ZBF 12:UNBEDRUCKT	Zack strip, flat, unprinted, 5-section, divisible, for labeling by the customer
0803595	ZBFM 5/WH:UNBEDRUCKT	Zack marker sheet, flat, unprinted: 120-section, 10 strips à 12 markers, sufficient for 120 terminal blocks, for all terminal blocks, pitch 5.2 mm, labeling with M-PEN or CMS system, color: white

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