


VAL-MS 1000PV ST

Order No.: 2805185



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2805185>

Replacement connector for PV arrester combinations of the VAL-MS 1000 DC... product range

Commercial data	
GTIN (EAN)	
sales group	J022
Pack	1 pcs.
Customs tariff	85363010
Catalog page information	Page 62 (TT-2011)

Product notes

WEEE/RoHS-compliant since:
06/04/2008



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Technical data

Standards	
Housing material	PA 6.6
Inflammability class acc. to UL 94	V0
Color	black

Standards for air and creepage distances	IEC 60664-1: 1992-10
	IEC 61643-1
	EN 61643-11
Degree of protection	IP20
Mounting type	On base element
Design	Male
Number of positions	1
Ambient temperature (operation)	-40 °C ... 80 °C
Message: Surge protection fault	Optical
Direction of action	1L-N/PE
Width	17.70 mm
Height	54.50 mm
Length	52.40 mm
Pitch unit	1 Div.

Protective circuit

IEC category	II
	T2
EN type	T2
Nominal voltage U_N	400 V AC
Arrester rated voltage U_C	580 V AC
U_T (TOV-proof)	690 V AC (5 s)
Nominal frequency f_N	50 Hz (60 Hz)
Ground conductor current I_{PE}	$\leq 250 \mu A$
Standby power consumption P_C	$\leq 0.15 VA$
Max. discharge surge current I_{max} (8/20) μs	30 kA
Nominal discharge surge current I_n (8/20) μs	15 kA
Lightning test current (10/350) μs , peak value I_{imp}	1.25 kA
Protection level U_p	$\leq 2.5 kV$
Residual voltage	$\leq 2.5 kV$
	$\leq 2.3 kV$ (at 10 kA)
	$\leq 2.1 kV$ (at 5 kA)
	$\leq 1.9 kV$ (at 3 kA)
SVR clamp voltage	$\leq 1.6 kV$
Response time	$\leq 25 ns$
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 method	FLASHTRAB/VALVETRAB plug-in system connector
Standards	
Standards/regulations	IEC 61643-1 2005
	DIN EN 61643-11 2002

Certificates / Approvals



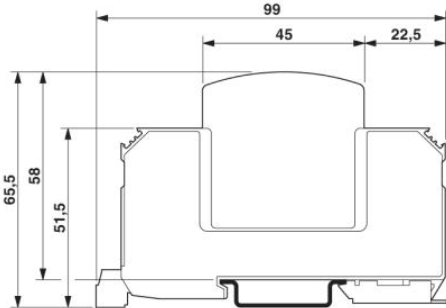
Certification GOST

Accessories

Item	Designation	Description
Marking		
1051993	B-STIFT	Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm
2749589	ZBN 18,LGS:ERDE	Marking labels, printed horizontally, strips with 5 labels, GND (grounding symbol), color: White
2749576	ZBN 18,LGS:L1-N,ERDE	Marker labels, printed horizontally, strips with 5 labels, L1, L2, L3, N, GND, color: white
0800763	ZBN 18:SO/CMS	Marker labels, 5-section, special printing, labeled according to customer requirements (Please specify the required marking with order), for terminal width: 17.5 mm, color: White
2809128	ZBN 18:UNBEDRUCKT	Unprinted marker labels, strips with 5 labels for individual labeling with M-PEN or CMS system, for terminal block width: 17.5 mm, color: White

Diagrams/Drawings

Dimensioned drawing



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