

VDATA CAT5E**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

- Suitable for Cat. 5 (up to 100 MHz) and Cat. 6 (up to 250 MHz Class E)
- Suitable for PoE+ (according to IEEE 802.3at, IEEE 802.3bt Type 3 and 4)
- Protection of all wire pairs
- Connection via RJ45 sockets
- Metal housing

General ordering data

Version	Terminal rail fixing, Surge protection, 802.3 bt at Type 1, 802.3 bt at Type 2, 802.3 bt at Type 3, 802.3 bt at Type 4, Cat.5e
Order No.	2916360000
Type	VDATA CAT5E
GTIN (EAN)	4099986545519
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	46 mm	Depth (inches)	1.811 inch
Height	75 mm	Height (inches)	2.953 inch
Width	19 mm	Width (inches)	0.748 inch
Net weight	118 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...80 °C
Humidity	0...95 % (no condensation)		

General data

Protection degree	IP20	Colour	Silver grey
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Insulation coordination acc. to EN 50178

Pollution severity	2	Surge voltage category	III
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Rated data IEC / EN

Discharge current $I_{\max}$ (8/20 μ s) wire-PE	10 kA	Discharge current I_n (8/20 μ s) wire-PE	10 kA
Discharge current I_n (8/20 μ s) wire-wire	1.5 kA	Discharge current, I_{imp} (10/350 μ s)	1 kA
Frequency range, max.	100 MHz	Lightning test current, I_{imp} (10/350 μ s)	
		Wire-PE	1 kA
Max. continuous voltage, U_c (AC)	48 V	Max. continuous voltage, U_c (DC)	72 V
Protection level, U_P wire - PE	550 V	Protection level, U_P wire - wire	600 V
Rated current I_N	1 A	Rated voltage (DC)	48 V
Requirements category acc. to IEC 61643-21	D1, C1, C2, C3	Response time	<1 ns
Standards	IEC 61643-21	Surge current-carrying capacity C2	10 kA
Surge current-carrying capacity D1	1 kA 10/350 μ s	Voltage type	AC/DC
Volume resistance	<0.1 Ω	Wire-PE capacitance @ 1 MHz, 1 Vrms	20 pF
Wire-wire capacitance @ 1 MHz, 1 Vrms	30 pF		

Connection data

Wire connection method	RJ45	Type of connection	RJ45-Port
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Electrical data

Voltage type	AC/DC
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Guarantee

Time interval	5 years
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ETIM 6.0	EC000943	ETIM 7.0	EC000943
ETIM 8.0	EC000943	ETIM 9.0	EC000943
ETIM 10.0	EC000943	ECLASS 9.0	27-13-08-07
ECLASS 9.1	27-13-08-07	ECLASS 10.0	27-13-08-07
ECLASS 11.0	27-13-08-07	ECLASS 12.0	27-17-90-90
ECLASS 13.0	27-17-90-90	ECLASS 14.0	27-17-90-90
ECLASS 15.0	27-17-90-90		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Approvals

Approvals



ROHS	Conform
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Downloads

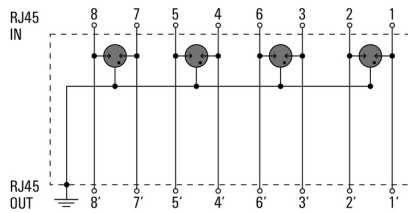
Approval/Certificate/Document of Conformity	EU Konformitätserklärung / EU Declaration of Conformity
Engineering Data	CAD data – STEP
User Documentation	Beipackzettel / Instruction sheet
Catalogues	Catalogues in PDF-format

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Drawings



Circuit diagram