

Weidmüller Interface GmbH & Co. KG

D-32758 Detmold

www.weidmueller.com



General ordering data

Version	Spare arrester, Surge protection, Single-phase
Order No.	2810460000
Type	VPU AC IOT II O 300/50
GTIN (EAN)	4064675280019
Qty.	1 pc(s).

VPU AC IOT II 0 300/50

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

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Germany

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Technical data

Dimensions and weights

Depth	64 mm	Depth (inches)	2.52 inch
Height	45 mm	Height (inches)	1.772 inch
Width	18 mm	Width (inches)	0.709 inch
Net weight	58 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...85 °C
Humidity	5 - 95% rel. humidity		

General data

Colour	orange	Design	Installation housing; 1TE, Insta IP 20
Operating altitude	≤ 4000 m	Optical function display	green = OK; red = arrester is defective - replace
Protection degree	IP20 in installed state	Rail	TS 35
Segment	Power distribution	UL 94 flammability rating	V-0
Version	Surge protection		

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} (8/20μs) wire-PE	50 kA	Discharge current I_n (8/20μs) wire-PE	20 kA
Energy coordination (≤10 m)	Type II, Type III	Follow-on current extinguishing capability I_{fi}	Follow current need not be taken into account
Frequency range, max.	60 Hz	Frequency range, min.	50 Hz
Leakage current at U_n	0.3 mA	Low voltage network	Single-phase
Mains voltage	230 V / 400 V	Max. continuous voltage, U_c (AC)	300 V
Number of poles	1	Protection level U_p at I_N (L/N-PE)	≤ 1.5 kV
Rated voltage (AC)	240 V	Requirements category acc. to IEC 61643-11	Type II
Requirements class, acc. to EN 61643-11	T2	Response time	≤ 25 ns
SPD type	T2	Short-circuit current rating I_{SCCR}	50 kA
Standards	IEC61643-11, EN61643-11	Voltage type	AC

Connection data

Type of connection	Plug-in connection
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Guarantee

Time interval	5 years
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Classifications

ETIM 6.0	EC000941	ETIM 7.0	EC000941
ETIM 8.0	EC000941	ETIM 9.0	EC000941
ECLASS 9.0	27-13-08-05	ECLASS 9.1	27-13-08-05
ECLASS 10.0	27-13-08-05	ECLASS 11.0	27-13-08-05
ECLASS 12.0	27-17-90-90	ECLASS 13.0	27-17-90-90

Environmental Product Compliance

REACH SVHC	/
RoHS Compliance Status	Compliant without exemption

Approvals

Approvals



ROHS	Conform
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Downloads

Approval/Certificate/Document of Conformity	EU Konformitätserklärung / EU Declaration of Conformity
Catalogues	Catalogues in PDF-format

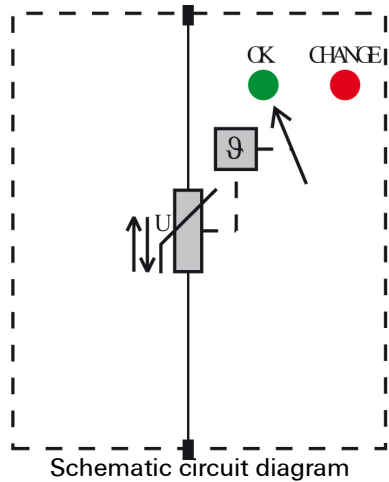
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Drawings

Electric symbol



VPU AC IOT II 0 300/50**Weidmüller Interface GmbH & Co. KG**

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www.weidmueller.com**Accessories****Crosshead screwdriver Phillips**

VDE insulated crosshead screwdriver, for Phillips screws, SDIK PH DIN 7438, ISO 8764/2-PH, output to ISO 8764-PH, SoftFinish grip

General ordering data

Type	SDIK PH1 X 80	Version
Order No.	2749890000	Screwdriver, Blade width (B): 1 mm, 80 mm, Blade thickness (A): 1
GTIN (EAN)	4050118897098	
Qty.	1 pc(s).	

Slotted screwdriver

VDE insulated slot-head screwdriver, SDI DIN 7437, ISO 2380/2, drive output acc. to DIN 5264, ISO 2380/1. SoftFinish grip

General ordering data

Type	SDIS 1.0X5.5X125	Version
Order No.	2749850000	Screwdriver, Blade width (B): 5.5 mm, Blade length: 125 mm, Blade
GTIN (EAN)	4050118897050	thickness (A): 1 mm
Qty.	1 pc(s).	