

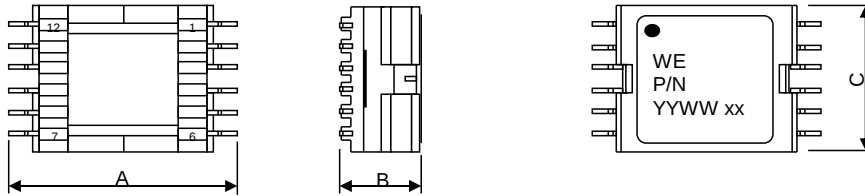
Spezifikation für Freigabe / specification for release

Kunde / customer : **Preliminary**
 Artikelnummer / part number : **760876130**
 Bezeichnung : **Netzteil-Übertrager WE-UNIT**
 description : **Offline transformer WE-UNIT**



DATUM / DATE : 2012-03-22

A Mechanische Abmessungen / dimensions :

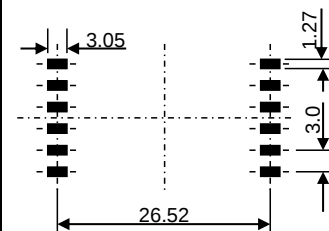


	EFD20	
A	29.08 max.	mm
B	11.43 max.	mm
C	22.00 max.	mm

B Elektrische Eigenschaften / electrical properties :

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Induktivität / inductance	10 kHz / 0,1 V	L	1.00	mH	±10%
Übersetzungsverhältnis / Turns ratio	N1 : N2 : N3	n	6.4 : 1 : 1.6		±3%
DC-Widerstand N1 / DC-resistance N1	@ 20°C	R _{DC1}	tbd	mΩ	max.
DC-Widerstand N2 / DC-resistance N2	@ 20°C	R _{DC2}	tbd	mΩ	max.
DC-Widerstand N3 / DC-resistance N3	@ 20°C	R _{DC3}	tbd	mΩ	max.
Streuinduktivität N1 / leakage inductance N1	100 kHz / 0,1V	L _s	tbd	μH	max.
Sättigungsstrom N1 / saturation current N1	dL/L = 20%	I _{sat}	tbd	A	typ.
Prüfspannung / test voltage	3mA / 1s N1, N3 => N2	U _T	1.5	kV	

C Bohrbild / hole pattern. :



D Prüfgeräte / test equipment :

Wayne Kerr 3260B
ETL UH36-6kV

E Testbedingungen / test conditions :

Luftfeuchtigkeit / humidity: **33%**
 Umgebungstemperatur / temperature: **+20°C**

F Werkstoffe & Zulassungen / material & approvals :

Basismaterial / base material: **Ferrit/ ferrite**
 Spulenkörper / Bobbin: **UL-V0**
 Draht / wire: **2UEW-F 155°C or equ. / TiW**
 Kontaktmaterial / contact plating: **Cu-Ni-Sn**
 Tränklack / Varnish: **Dolph BC346A or equ.**

G Eigenschaften / general specifications :

Betriebstemp. / operating temperature: **-40°C - + 125°C**
 Umgebungstemp. / ambient temperature: **-40°C - + 85°C**
 It is recommended that the temperature of the part does not exceed 125°C under worst case operating conditions.
7 Bauteil für Netzanwendung / Off-line transformer
 Designed for functional isolation according to EN60950

Freigabe erteilt / general release:	Kunde / customer			
Datum / date	Unterschrift / signature			
	Würth Elektronik			
		TBr	Rev. 00	2012-03-22
Geprüft / checked	Kontrolliert / approved	Name	Änderung / modification	Datum / date

Würth Elektronik eiSos GmbH & Co.KG

D-74638 Waldenburg · Max-Eyth-Straße 1 - 3 · Germany · Telefon (+49) (0) 7942 - 945 - 0 · Telefax (+49) (0) 7942 - 945 - 400
<http://www.we-online.com>

Spezifikation für Freigabe / specification for release

Kunde / customer :

Artikelnummer / part number :

760876130

Bezeichnung :

Netzteil-Übertrager WE-UNIT

description :

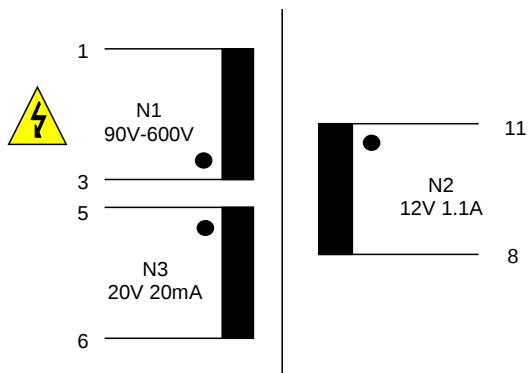
Offline transformer WE-UNIT



WÜRTH ELEKTRONIK

DATUM / DATE : 2012-03-22

H Schaltbild / Schematics



Freigabe erteilt / general release:	Kunde / customer			
Datum / date	Unterschrift / signature			
	Würth Elektronik			
		TBr	Rev. 00	2012-03-22
Geprüft / checked	Kontrolliert / approved	Name	Änderung / modification	Datum / date

This electronic component has been designed and developed for usage in general electronic equipment. Before incorporating this component into any equipment where higher safety and reliability is especially required or if there is the possibility of direct damage or injury to human body, for example in the range of aerospace, aviation, nuclear control, submarine, transportation, (automotive control, train control, ship control), transportation signal, disaster prevention, medical, public information network etc, Würth Elektronik eiSos GmbH must be informed before the design-in stage. In addition, sufficient reliability evaluation checks for safety must be performed on every electronic component which is used in electrical circuits that require high safety and reliability functions or performance.

Würth Elektronik eiSos GmbH & Co.KG

D-74638 Waldenburg · Max-Eyth-Straße 1 - 3 · Germany · Telefon (+49) (0) 7942 - 945 - 0 · Telefax (+49) (0) 7942 - 945 - 400

<http://www.we-online.com>