

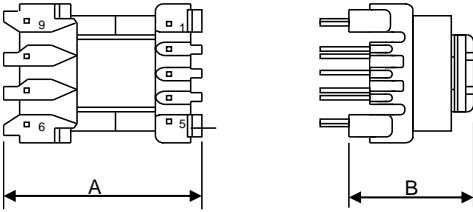
Spezifikation für Freigabe / specification for release

Kunde / customer :
 Artikelnummer / part number : **760871017**
 Bezeichnung : **Netzteil-Übertrager WE-UNIT**
 description : **Off-line transformer WE-UNIT**



DATUM / DATE : 2011-02-08

A Mechanische Abmessungen / dimensions :



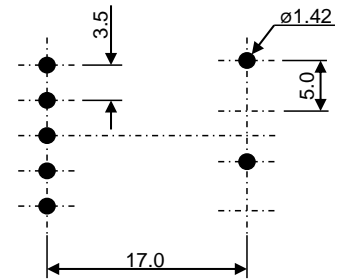
	E16/8/5	
A	24.5 max.	mm
B	16.5 max.	mm
C	20.2 max.	mm

● = Marking Pin 1
 xx = revision code

B Elektrische Eigenschaften / electrical properties :

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Induktivität / inductance	10 kHz / 0,1 V	L_0	2,00	mH	±10%
Windungszahlverhältnis / turns ratio	N1 : N2 : N3	TR	16 : 1 : 2.125		
DC-Widerstand N1 / DC-resistance N1	@ 20°C	R_{DC1}	5,5	Ω	max.
DC-Widerstand N2 / DC-resistance N2	@ 20°C	R_{DC2}	35,0	m Ω	max.
DC-Widerstand N3 / DC-resistance N3	@ 20°C	R_{DC3}	190,0	m Ω	max.
Sättigungsstrom N1 / saturation current N1	dL/L=20%	I_{sat}	0,45	A	typ.
Streuinduktivität / leakage inductance	100 kHz / 0,1V rest shorted	L_s	55,0	μ H	max.
Hochspannung / hipot test	3mA, 1s N1, N3 => N2	HV	4,0	kV	

C Lötpad / soldering spec. :



D Prüfgeräte / test equipment :

WK3260B für / for L und / and R

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 / TIW
 Kontaktmaterial / contact plating: Cu-Ni-Sn
 Tränklack / Varnish: BC346-A or equiv.

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.
 Schaltfrequenz / Switching frequency: 52 kHz



Bauteil für Netzanwendung / Off-line transformer

Freigabe erteilt / general release:		Kunde / customer	
.....		
Datum / date	Unterschrift / signature	TBr	Rev 04 2011-02-08
		MKe	Rev 03 2010-04-20
		Würth Elektronik	
		MKe	Rev 02 2010-04-20
		MKe	Rev 01 2010-04-20
		MKe	Rev 00 2010-04-20
Geprüft / checked	Kontrolliert / approved	Name	Änderung / modification Datum / date

Würth Elektronik eiSos GmbH & Co.KG

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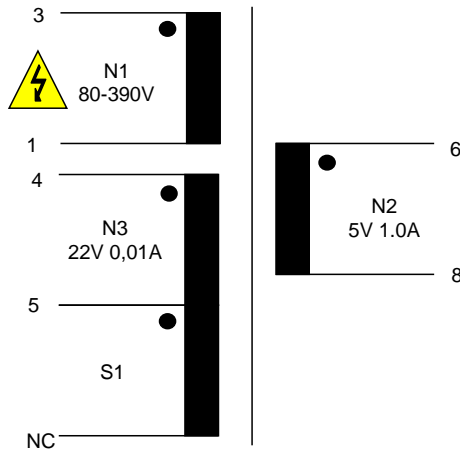
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H Schaltbild / Schematics



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Geprüft / checked	Kontrolliert / approved	Name	MKe	Rev 03	2010-04-20
			MKe	Rev 02	2010-04-20
			MKe	Rev 01	2010-04-20
			MKe	Rev 00	2010-04-20
				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.

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