

# Schaltnetzteilübertrager EE 30 (EF 30) vergossen 30VA bis 120VA

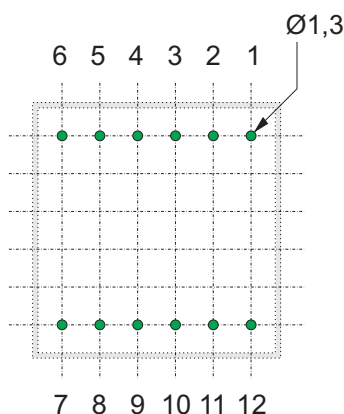
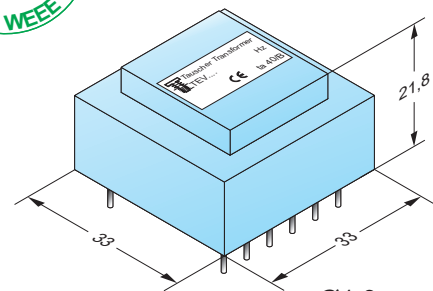
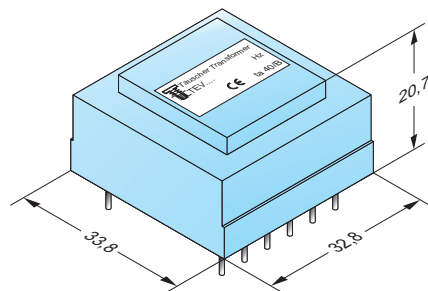
# transformer for SMPS EE 30 (EF 30) potted 30VA up to 120VA

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| <p>Ausführung HF-Transformator nach IEC/EN61558-2-17 für Schaltnetzteile<br/>HF-Trafo, HF-Übertrager, Ferritrafo, Schaltnetzteiltrafo<br/>Anwendung geeignet als HF-Transformator für Power Integrations (TOPSWITCH, TINY SWITCH), Advanced Technology und ST(VIPer). HF Drossel kann auch gebaut werden.<br/>Spannungen nach Kundenwunsch, auch mehrere Eingangs- und Ausgangsspannungen möglich.<br/>Frequenz 20 kHz bis 300 kHz, Sondertypen bis 500 kHz<br/>Kernmaterial N87 oder PL7 für hohe Leistungen, bei anderem Material geringe Leistung<br/>Isolationsklasse F (155°C) für getränkte und B(130°C) für vergossene Bauteile<br/>Temperatur Umgebung 40°C, höhere Umgebungstemperatur reduziert die Leistung<br/>Schutzklassen Brandschutzklasse UL94V0, IP00 nach DIN 40 050<br/>Wicklung mit Lackdraht, HF-Litze, Folie oder dreifach isolierten Furukawa Draht, verschachtelter Aufbau für optimale magnetische Kopplung<br/>Bauart vakuumgetränkt (offene Version) mit Klasse H Imprägnierlack oder vakuumvergossen im Gehäuse<br/>Anschlüsse Print, SMD Version oder freie Drahtenden<br/>Sicherheit Randabstand zur Einhaltung von Luft- und Kriechstrecken.<br/>Abschirmung möglich, übertragbare Leistung wird reduziert</p> | <p>switched mode power supply transformer according to performance IEC EN61558-2-17 for SMPS, HF-transformer, ferrite transfo for Power Integrations (TOPSWITCH, TINY SWITCH) application Advanced Technology and ST(VIPer).<br/>types can also be constructed as an HF choke.<br/>to customer demand, also more input and output voltages are possible<br/>20 kHz to 300 kHz, extra types to 500 kHz frequency<br/>N87 oder PL7 for high power, with other material less power core material<br/>F (155°C) for lacquered and B(130°C) for potted components insulation class ambient 40°C, higher temperatures temperature decreases the secondary power<br/>fire class UL94V0, IP00 according to DIN 40 050 protective class with lacquered copper wire, HF-litz wire, foil or triple insulated winding<br/>Furukawa wire, interlaced construction for best magnetic coupling<br/>vacuum varnished (open types) with class H impregnation construction varnish or vacuum potted in a case<br/>Print, SMD or with free wires construction terminals margins for air- and creepage-distance safety<br/>screening possible, secondary power will decrease</p> |
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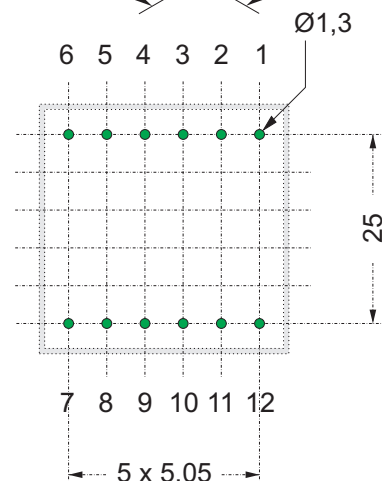
| Type<br>type | Bautyp<br>type size | Frequenz<br>frequency | Sperrwandler<br>flyback | Leistung / power - N87 / PL7<br>Durchflußwandler<br>forward | Gegentaktwandler<br>push-pull | Gewicht<br>Cu<br>weight | Gesamt<br>total<br>weight |
|--------------|---------------------|-----------------------|-------------------------|-------------------------------------------------------------|-------------------------------|-------------------------|---------------------------|
| TEV          | EE 30               | 25 kHz                | 30VA                    | 40VA                                                        | 55VA                          | 15 g                    | 40 g                      |
| TEV          | EE 30               | 50 kHz                | 50VA                    | 60VA                                                        | 90VA                          | 15 g                    | 40 g                      |
| TEV          | EE 30               | 100 kHz               | 70VA                    | 80VA                                                        | 120VA                         | 15 g                    | 40 g                      |

Technische Änderungen und Verbesserungen vorbehalten.  
Alle Angaben sind Richtwerte,  
Abweichungen können möglich sein.

Technical changes and optimisation reserved.  
All details are guide values, variations are possible.  
Other dimensions and technical changes on request.



Ansicht auf Montageseite  
Raster = 5 mm  
Stiftquerschnitt = Ø0,8 mm  
Stiftlänge = 5 mm



Ansicht auf Montageseite  
Stiftquerschnitt = Ø0,8 mm  
Stiftlänge = 5 mm

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