

**TRASFORMATORI A PROVA DI GUASTO  
SERVIZIO INTERMITTENTE  
MONTAGGIO GUIDA DIN**



Progettato e prodotto  
Interamente in Italia

▪ FREQUENZA NOMINALE	50 Hz
▪ GRADO DI PROTEZIONE	IP20
▪ CLASSE DI ISOLAMENTO	II
▪ TEMPERATURA AMBIENTE MAX	40 °C
▪ TENSIONE SECONDARIA CON CARICO NOMINALE	-15%
▪ NORME	EN61558-1-2-8

MODELLI 2DIN	ByT1012	ByT1024	ByT1512	ByT1524
▪ TENSIONE ALIMENTAZIONE (morsetti 1 e 4)	230 Vac	230 Vac	230 Vac	230 Vac
▪ TENSIONI SECONDARIE	4 – 8 e 12V	12 – 12 e 24V	4 – 8 e 12V	12 – 12 e 24V
▪ POTENZA DISCONTINUA SUL SECONDARIO				
Morsetti 7 e 8	4V – 3,3VA	12V – 5VA	4V – 5VA	12V – 7,5VA
Morsetti 5 e 7	8V – 6,6VA	12V – 5VA	8V – 10VA	12V – 7,5VA
Morsetti 5 e 8	12V – 10VA	24V – 10VA	12V – 15VA	24V – 15VA
▪ PESO	0,34 kg			

MODELLI 3 DIN	ByT3012	ByT3024	ByT4012	ByT4024
▪ TENSIONE ALIMENTAZIONE (morsetti 2 e 5)	230 Vac	230 Vac	230 Vac	230 Vac
▪ TENSIONI SECONDARIE	4 – 8 e 12V	12 – 12 e 24V	4 – 8 e 12V	12 – 12 e 24V
▪ POTENZA DISCONTINUA SUL SECONDARIO				
Morsetti 10 e 11	4V – 10VA	12V – 15VA	4V – 13VA	12V – 20VA
Morsetti 8 e 10	8V – 20VA	12V – 15VA	8V – 27VA	12V – 20VA
Morsetti 8 e 11	12V – 30VA	24V – 30VA	12V – 40VA	24V – 40VA
▪ PESO	0,50 kg			

**TABELLA DI VARIAZIONE DELLA POTENZA IN FUNZIONE DELLA TEMPERATURA**

TEMPERATURA	DIMINUZIONE PERCENTUALE DELLA POTENZA
-20 °C ; +40 °C	Potenza nominale
+44 °C	-10 %
+50 °C	-20 %
+55 °C	-28 %
+60 °C	-34 %



La presente guida ha scopo puramente informativo.

Il costruttore si riserva il diritto di modificare e/o aggiornare il prodotto e la guida senza alcuna limitazione e senza obblighi di preavviso.

Il costruttore non risponde di eventuali danni, diretti o indiretti, causati a persone o cose da avarie del prodotto o conseguenti la forzata sospensione dell'uso dello stesso.

**FAULT TESTED TRANSFORMERS  
INTERMITTENT USE  
DIN RAIL MOUNTING**



**Designed and  
manufactured entirely  
in Italy**

▪ <b>NOMINAL FREQUENCY</b>	50 Hz
▪ <b>PROTECTION CLASS</b>	IP20
▪ <b>INSULATION CLASS</b>	II
▪ <b>MAX INDOOR TEMPERATURE</b>	40 °C
▪ <b>SECONDARY VOLTAGE WITH NOMINAL LOAD</b>	-15%
▪ <b>STANDARDS</b>	EN61558-1-2-8

<b>2DIN MODELS</b>	<b>ByT1012</b>	<b>ByT1024</b>	<b>ByT1512</b>	<b>ByT1524</b>
▪ <b>POWER SUPPLY (terminals 1 and 4)</b>	230 Vac	230 Vac	230 Vac	230 Vac
▪ <b>SECONDARY VOLTAGES</b>	4 – 8 and 12V	12 – 12 and 24V	4 – 8 and 12V	12 – 12 and 24V
<b>▪ DISCONTINUOUS POWER ON THE SECONDARY CIRCUIT</b>				
Terminals 7 and 8	4V – 3,3VA	12V – 5VA	4V - 5VA	12V – 7,5VA
Terminals 5 and 7	8V – 6,6VA	12V – 5VA	8V – 10VA	12V – 7,5VA
Terminals 5 and 8	12V – 10VA	24V – 10VA	12V – 15VA	24V – 15VA
▪ <b>WEIGHT</b>	0.34 kg			

<b>3 DIN MODELS</b>	<b>ByT3012</b>	<b>ByT3024</b>	<b>ByT4012</b>	<b>ByT4024</b>
▪ <b>POWER SUPPLY (terminals 2 and 5)</b>	230 Vac	230 Vac	230 Vac	230 Vac
▪ <b>SECONDARY VOLTAGES</b>	4 – 8 and 12V	12 – 12 and 24V	4 – 8 and 12V	12 – 12 and 24V
<b>▪ DISCONTINUOUS POWER ON THE SECONDARY CIRCUIT</b>				
Terminals 10 and 11	4V – 10VA	12V – 15VA	4V – 13VA	12V – 20VA
Terminals 8 and 10	8V – 20VA	12V – 15VA	8V – 27VA	12V – 20VA
Terminals 8 and 11	12V – 30VA	24V – 30VA	12V – 40VA	24V – 40VA
▪ <b>WEIGHT</b>	0.50 kg			

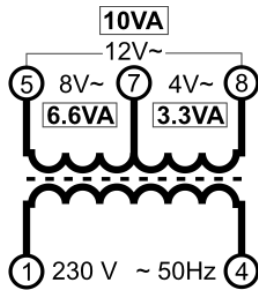
**POWER DERATING RESPECT TO TEMPERATURE TABLE**

<b>TEMPERATURE</b>	<b>POWER DERATING PERCENTAGE</b>
-20 °C ; +40 °C	Rated power
+45 °C	-10 %
+50 °C	-20 %
+55 °C	-28 %
+60 °C	-34 %

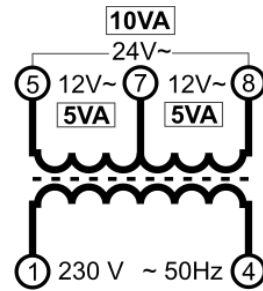


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The manufacturer, including his international representatives or agents, do not accept any liability for any incidental damage, directly or indirectly, to people or properties through the use of his products.

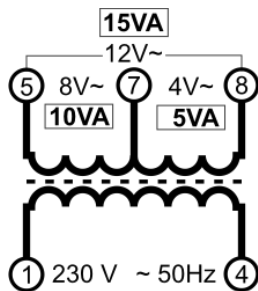
**ByT1012**



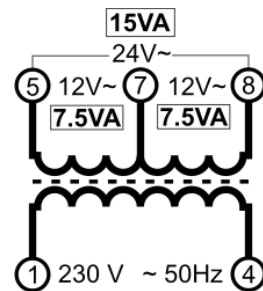
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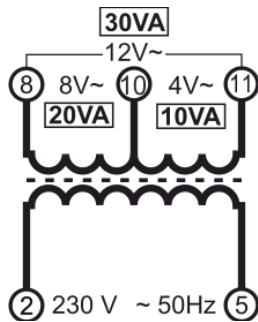
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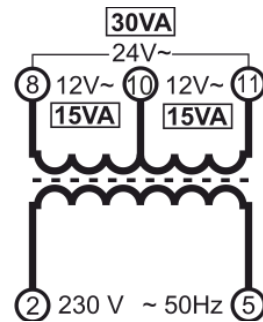
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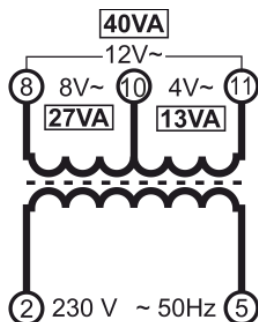
**ByT3012**



**ByT3024**



**ByT4012**



**ByT4024**

