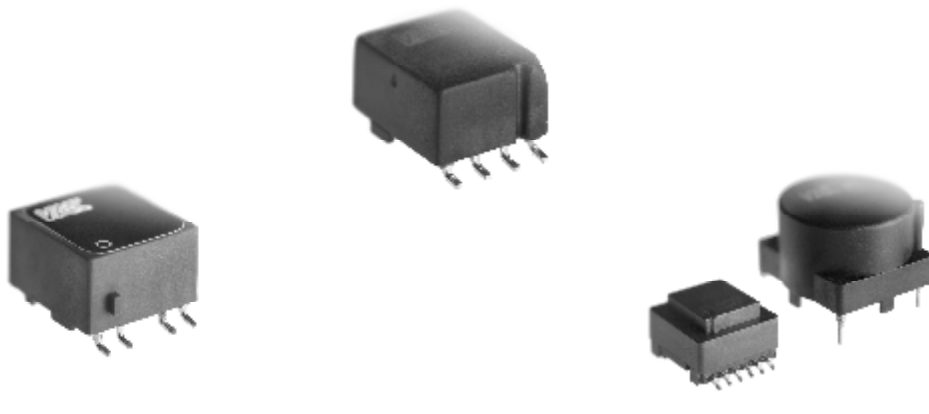


PLC Transformers for AMR and Smart Metering



- Excellent Transmission Characteristics
- High Saturation Current, Low THD
- Matching with all leading ICs
- Compliant with all PLC Standards
- Compact Designs (SMD, PTH upright, PTH flat)
- Insulation according to EN 60950 / UL 1950

PI-PLC 2 07/2010

Technical Characteristics of PLC Transformers (f = 10kHz...1MHz)

Order-No. T60403-K...	Turns ratio	Inductance (mH)	HV Test* (kV _{rms})	Design**
5024-X044	1 : 1	1,4	6	SMD
4081-X004	1 : 1	1,4	4	PTH flat
4085-X004				PTH upright
5024-X078	1 : 1	2,5	3	SMD
4096-X046***	1 : 1	1,3	6	PTH
4096-X047	1 : 1	1,3	6	PTH
4096-X048	1 : 1	1,3	6	PTH
4021-X139	1,67 : 1	0,5	6	PTH
5024-X097	1,68 : 1	1,2	1,5****	SMD
4031-X009	2 : 1	1,0	4	PTH
5024-X079	2 : 1	1,4	3	SMD
5024-X090	1 : 1 : 2	0,88	3	SMD
5024-X092*****	1 : 1 : 2	0,7	4	SMD
5024-X099	1 : 1 : 2	0,7	3	SMD
5032-X102	1 : 1 : 2	0,7	7,5	SMD

* = reinforced insulation according to EN60950

** = mechanical outline, for details see VAC datasheet (available upon request)

*** = phase out type, replaced by 4096-X047

**** = operational insulation

***** = extended performance in the low frequency range

For further information please contact:

VACUUMSCHMELZE GmbH & Co. KG
Grüner Weg 37 63450 Hanau
Phone +49 6181 38 0
Fax +49 6181 38 2645
info@vacuumschmelze.com
<http://www.vacuumschmelze.com>

Cross Reference List

VAC Transformer - PLC Chipset

Order-No. T60403-K...	ECHELON		MAXIM	ONSEM	RENESAS	STM		TI	YITRAN
	PLT-21 PLT-22	PLT3120 PLT3150	MAX2990 MAX2991	Amis 49587	M16C/6S	ST7536 ST7537	ST7538 ST7540	C2000	IT800
5024-X044	x	x			x	x	x		x
4081-X004	x	x			x	x	x		x
4085-X004									
5024-X078	x	x					x		x
4096-X046*	x	x	x				x		x
4096-X047	x	x					x		x
4096-X048			x						
4021-X139	x	x					x		
5024-X097	x	x							
4031-X009				x			x		
5024-X079				x					
5024-X090		x			x		x		x
5024-X092**		x			x		x		x
5024-X099								x	
5032-X102					x				x

* = phase out type, replaced by 4096-X047

** = extended performance in the low frequency range

For further information please contact:

VACUUMSCHMELZE GmbH & Co. KG
Grüner Weg 37 63450 Hanau
Phone +49 6181 38 0
Fax +49 6181 38 2645
info@vacuumschmelze.com
<http://www.vacuumschmelze.com>