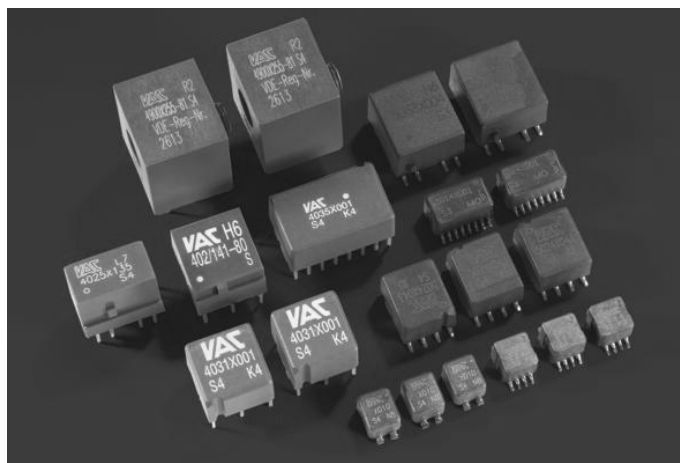


PLC Transformers for AMR and Smart Metering

Low Bit Rate PLC Transformers



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

PI-PLC 2 11/08

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

Order-No. T60403-K...	Turns ratio	Inductance (mH)	HV Test* (kV _{rms})	Design**
5024-X044	1 : 1	1,4	3	SMD
4081-X004				PTH flat
4085-X004				PTH high
5024-X090	1 : 1 : 2	0,88	4	SMD
5024-X092***	1 : 1 : 2	0,7	4	SMD
4096-X046****	1 : 1	1,3	6	PTH
4096-X047	1 : 1	1,3	6	PTH
4021-X137	1 : 1	1,65	6	PTH
4021-X139	1 : 1	1,65	6	PTH
5024-X078	1 : 1	2,5	3	SMD
4031-X009	2 : 1	1,0	6	PTH

* = reinforced insulation according to EN60950

** = mechanical outline according to VAC datasheet (available upon request)

*** = extended performance in the low frequency range

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

Cross Reference List

Order-No. T60403-K...	Echelon		RENESAS	STM		YITRAN
	PLT-21 PLT-22	PLT3120 PLT3150	M16C/6S	ST7536 ST7537	ST7538 ST7540	IT800
5024-X044	x	x		x	x	x
4081-X004						
4085-X004						
5024-X090		x	x		x	x
5024-X092***		x	x		x	x
4096-X046****	x	x			x	x
4096-X047	x	x			x	x
4021-X137	x	x			x	
5024-X078	x	x			x	x
4031-X009					x	

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