

FTM 720X

Line Matching Transformers *Transformateurs de ligne*

Key Features *Caractéristiques*

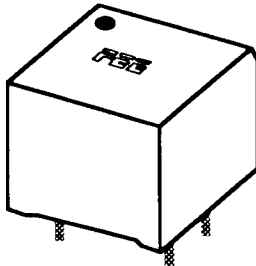
Certified EN 41003 / IEC 950
Transformateur certifié EN 41003 / CEI 950

Exceeds BS 6505 return loss specification.
Répond à la norme BS 6505 sur le coefficient de désadaptation

Meets or exceeds BS 415, 6204 & 6301.
Répond aux normes BS 415, 6204 et 6301.

Min. 4000 Vrms isolation standard
Isolation standard 4000 V efficace minimum

Fully encapsulated
Version surmoulée

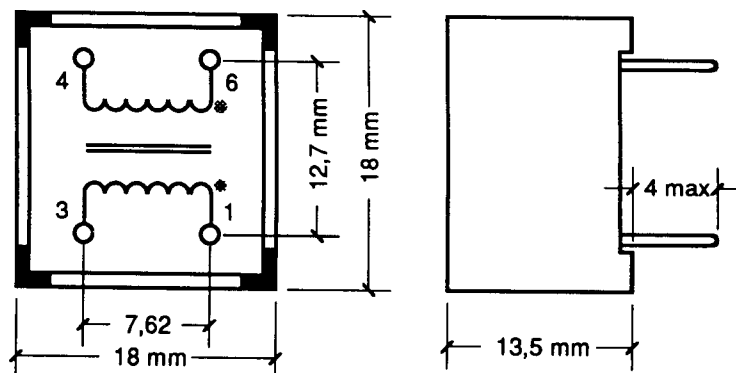


Electrical Specifications at 25°C

Parameters	FTM 7200 V 32 Bis	FTM 7201 V 34
Turns Ratio	1 : 1	1 : 1
Primary Inductance at 200 Hz	2.8 H	4 H
Secondary Inductance at 200 Hz	2.8 H	4 H
Primary Inductance at 1 KHz	1.6 H	3 H
Secondary Inductance at 1 KHz	1.6 H	3 H
Primary Resistance (± 10%)	66 Ω	66 Ω
Secondary Resistance (± 10%)	66 Ω	66 Ω
Primary Impedance (min. at 0.2 KHz)	600 Ω	600 Ω
Secondary Impedance (min. at 0.2 KHz)	600 Ω	600 Ω
Insertion Loss (at 2 KHz)	≤ 1.5 dB	≤ 1.5 dB
Return Loss: Transformer (0.2 - 4 KHz)	≥ 16 dB	≥ 16 dB
Return Loss: In Network (0.2 - 3 KHz)	≥ 26 dB	≥ 26 dB
Return Loss: In Network (0.2 - 4 KHz)	≥ 24 dB	≥ 24 dB
Distortion (0. dB at 1 KHz)	≤ 0.1 %	≤ 0.1 %
Shunt Loss (200 Hz)	6 KΩ	20 KΩ
Shunt Loss (1000 Hz)	10 KΩ	25 KΩ
Frequency Response (0.2 - 3.5 KHz)	- 0.2 dB	- 0.2 dB
Wide Band Response (100 Hz - 9 KHz)	- 3 dB	- 3 dB
Power Level	7 dB	20 dB
Longitudinal Balance (0.1 - 6 KHz)	> - 80 dB	> - 80 dB
Leakage Induction	15 mH	18 mH
Hipot (prim./sec.) 1 minute	4 000 Vrms	4 000 Vrms
Hipot (prim./sec.)	7 000 VDC	7 000 VDC
Operating Temperature Range	- 10 °C / + 60 °C	- 10 °C / + 60 °C
Storage	- 20 °C / + 70 °C	- 20 °C / + 70 °C

Pins
Picots Ø 0.61 mm

■ Stand off
Pieds de lavage



White dot on pin number one - *Repère au niveau du picot 1*