

Title (en)
SAFETY ISOLATING TRANSFORMER

Title (de)
SICHERHEITSTRENNTRANSFORMATOR

Title (fr)
TRANSFORMATEUR D'ISOLEMENT DE SECURITE

Publication
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Application
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Abstract (en)
[origin: WO9963556A1] The present invention relates to a miniature safety isolating transformer (30), and in particular to a telephone line matching transformer suitable for bi-directional data transfer up to at least 56 kbps. The miniature safety isolating transformer (30), comprises a magnetic core (2) and a first winding (34) and a second winding (35) separated and electrically insulated by solid insulating means (29, 39) from each other and the core (2), in which a minimum of a separation (38) between the windings and a separation (28, 36, 37) from the first winding (34) to the core (2) defines a safety isolating distance (28, 36, 37, 38), the separation (31, 32, 33) from the second winding (35) to the core (2) being less than said safety isolating distance (28, 36, 37, 38).

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