

Stock Wall Mounting Transformers

To meet urgent requirements for fixed transformers in plant rooms, workshops, etc., Blakley Electrics stock a range of wall mounting transformers with a 110V Reduced Low Voltage secondary (as defined in BS7671, IET Wiring Regulations 18th Edition), to supply portable power tools and temporary lighting.

Transformer windings have a principal voltage ratio of 230:110, they are double wound, continuously rated and are manufactured in accordance with BS EN 61558 Parts 1, 2-4 and 2-23 (as applicable) but with an earthed secondary winding. Intermittent ratings are based on a duty cycle of 5 minutes on and 15 minutes off.

BS7671:2018 (IET Wiring Regulations 18th Edition) allows a supply voltage tolerance of -6% / +10%. Any variation in the voltage connected to the primary winding will vary the secondary voltage in proportion and it will also alter the inrush current characteristics. To address the effect of supply voltage variations, the primary windings are tapped at 220, 230, 240 and 250 volts.

All assemblies are housed in robust, steel enclosures, non-vented to IP44. Enclosures are supplied with wall mounting brackets which can be repositioned on-site to make enclosures floor mounting (1 and 2kVA models only).

Assemblies are available with and without 16A or 32A 110V IP44 sockets to BS EN 60309-2. DP fuses, MCBs or DP MCB / RCCBs are fitted to the secondary to protect the 110V circuit and the transformer. Part number S210332 also incorporates a DP switch on the primary side, enabling the core to be de-energised when not in use.

See also (i) our Eco-Tx range of wall mounting transformers, which have zero off load losses unless a plug is inserted in the socket (no plug inserted, no losses) and (ii) the TDC series which combine a transformer with a double-pole MCB distribution board.



Part No. S210264 - 2 kVA, 230:110CTE
with DP MCB Protection



Part No. S210126 - 2 kVA, 230:110CTE
with twin 16A 110V Sockets

Part Number	Type Number	Description	Dimensions, W x D x H mm	Wt
S210127	TLW/1/F/S1/IP44	1 kVA continuous rating (1500VA intermittent), 1 x 16A 110V socket protected by 10A DP fusing	260 x 290 x 284	15kg
S210264	TLW/2/C1/IP44	2 kVA continuous rating (3300VA intermittent), fitted 1 x 16A DP MCB (no sockets)	260 x 290 x 284	24kg
S210380	TLW/2/C1/RCD300/IP44	2 kVA continuous rating (3300VA intermittent), fitted 1 x 16A DP MCB / 300mA 110V Type A RCCB (no sockets)	260 x 290 x 284	24kg
S210381	TLW/2/C1/RCD300S/IP44	2 kVA continuous rating (3300VA intermittent), fitted 1 x 16A DP MCB / 300mA 110V Selective Type A RCCB (no sockets)	260 x 290 x 284	24kg
S210126	TLW/2/F/S2/IP44	2 kVA continuous rating (3300VA intermittent), 2 x 16A 110V sockets protected by 16A DP fusing	260 x 290 x 284	24kg
S210332	TLW/II/2/C1/S2/IP44	As 210126 but incorporating 16A DP MCB protection on the secondary and a DP switch on the primary / input.	260 x 290 x 284	24kg
S210128	TSW/3/F/S2/IP44	3 kVA continuous rating (4500VA intermittent), 2 x 16A 110V sockets each protected by 16A DP fusing #	378 x 368 x 333	42kg
S210133	TSW/3/F/S1/IP44	3 kVA continuous rating (4500VA intermittent), 1 x 32A 110V socket protected by 32A DP fusing #	378 x 392 x 333	42kg

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E: sales@blakley.co.uk W: www.blakley.co.uk

South: 1 Thomas Road, Optima Park, Crayford, Kent DA1 4QX

North: Suite 38, Pure Offices, Turnberry Park Road, Morley, Leeds LS27 7LE

T: 0333 188 0284

T: 0333 188 0285