

# Dry Lining Box



## Specifications:

Electrical Box Material	: Plastic
Electrical Box Mounting	: Flush
Body Material	: ABS
Colour	: White
Internal Depth	: 47mm
Voltage Rating	: 240V AC
Standard	: BS 5733

## Conditions of Use:

- An ambient temperature in the range -5°C to +40°C, the average value over 24 hours not exceeding 25°C.
- A situation not subject to exposure to direct radiation from the sun or other source of heat like to raise temperatures above the limits.
- An altitude not exceeding 2,000 metres above sea level; an atmosphere no subject to abnormal pollution by smoke, chemical fumes, rain, spray, prolonged periods of high humidity or other abnormal conditions.

## Safety Specifications:

Item	Conditions	Requirements
Appearance	-	No defect such as cracks, deep scratches or blemishes
Marking	-	Shall be legible and must be clear
Insulation resistance	500 + 250V DC for 1 minute	Shall not be less than 5MΩ
Dielectric strength	2,000 ±60V for 1 minute	No damage or breakdown
Resistance to aging	70° ±5° (168 hours)	No cracks or become sticky
Construction	20° ±5°	Complied with Figure 9 and 21 gauge
Torque test	Value of 0.6Nm (6.1kgf/cm)	Terminal, cord grip and cover screws shall withstand the torque applied
Glow wire test	650°/850° electrically heated	Flame must extinguish within 30 seconds
Temperature rise	14A, 250V	Temperature rise must not exceed: 1. Terminals or terminations : 52K 2. Accessible surface : 52K
Make and break test of switch	13A, 250V (15,000 times)	Voltage drop across each switched pole shall not exceed 75mV
Cord anchorage test	1. 3kg. Pull force test for 0.5mm <sup>2</sup> cable. 2. 6kg. Pull force test for 1 mm <sup>2</sup> or above cable	The flexible cord shall not be displaced by more than 2mm after being pull 25 times

## Part Number Table

Description	Type	Part Number
Back Box, Dry Lining, Single, 47mm	1 Gang Pattress Box	858-47
Back Box, Dry Lining, Double, 47mm	2 Gang Pattress Box	8588-47

**Important Notice** : This data sheet and its contents (the "Information") belong to the members of the Premier Farnell group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. pro-ELEC is the registered trademark of the Group. © Premier Farnell plc 2012.