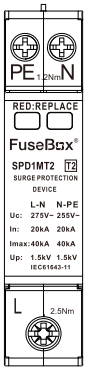
FuseBox®

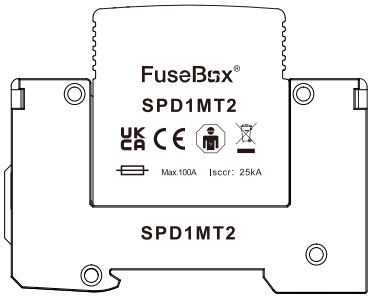
DOC:082025REV02

Part number: **SPD1MT2**

SURGE PROTECTION DEVICE T2

Direct to busbar Single module T2 SPD and connecting cables.





CAUTION

WHEN CONDUCTING INSULATION RESISTANCE TESTING WITH SPD FITTED IT IS RECOMMENDED EITHER THE **EARTH CONNECTION OR THE PLUG IN CARTRIDGE IS REMOVED.**

IF YOU DO NOT WISH TO REMOVE THE CARTRIDGE OR EARTH CONNECTION, THEN TESTING MUST BE AT A **MAXIMUM OF 250V DC.**

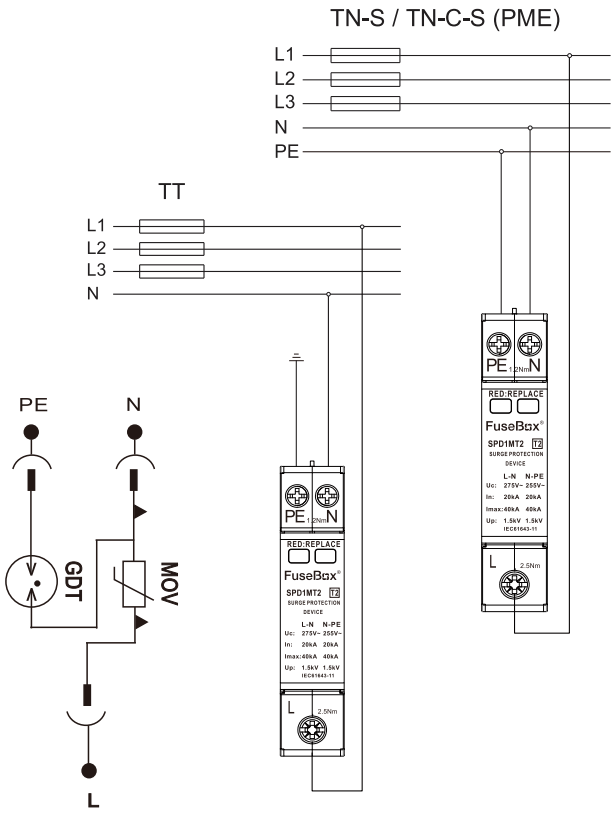
TECHNICAL

PART NUMBER	SPD1MT2
BARCODE	5060523525935
DESCRIPTION	SURGE PROTECTION DEVICE T2 (1+ N-PE) 18mm Includes 6mm² earth and neutral cables CT2 (CABLES CAN BE SHORTENED IF REQUIRED)
STANDARD	EN 61643-11 (Type 2)
FLAG INDICATION	GREEN: GOOD RED:REPLACE
TECHNOLOGY	MOV (METAL OXIDE VARISTOR) /GDT (SPARK GAP)
VOLTAGE (Un)	230V~ 50/60Hz
SYSTEM	TN-C-S, TN-S, TT
TERMINAL CAPACITY	L: 16mm² N/PE : 10mm²
RECOMMENDED TORQUE	L: 2.5Nm /PE 1.2Nm / N 1.2Nm
DEGREE OF PROTECTION	IP20
MOUNTING	35mm DIN RAIL
MAXIMUM OPERATING VOLTAGE (Uc)	L-N 275V; N-PE 255V
NOMINAL DISCHARGE CURRENT (In 8/20µs)	20kA
MAXIMUM DISCHARGE CURRENT (Imax 8/20µs)	40kA
VOLTAGE PROTECTION LEVEL	L-N ≤1.5kV ; N-PE ≤1.5kV
RESPONSE TIME (tA)	≤25ns
MAXIMUM BACK UP FUSE	100A fuse gG
SHORT CIRCUIT WITHSTAND (ISccR)	25kA
TEMPORARY OVERVOLTAGE (UT)	335V/5 sec - withstand

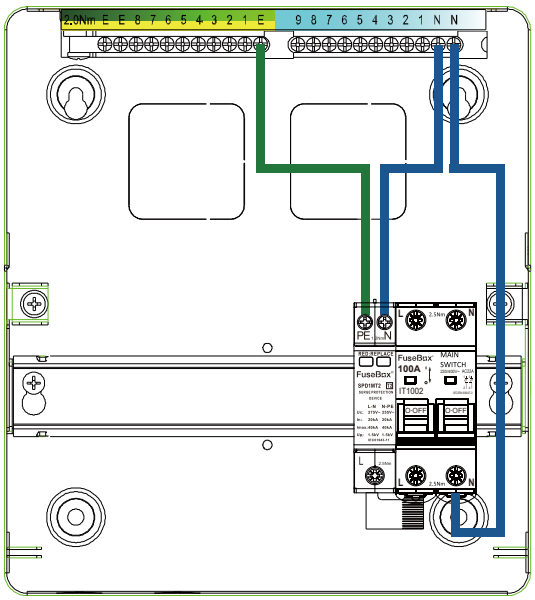
1 Installation

This device must be installed and tested by a qualified electrician in accordance with the current IET Wiring Regulations BS7671.

1a SYSTEM CONNECTION DIAGRAMS

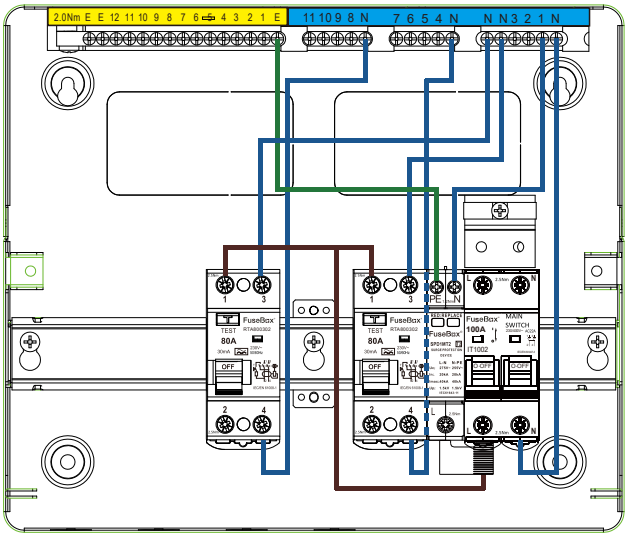


2a CONNECTION INTO AN F3 CONSUMER UNIT (MAIN SWITCH/RCD)



FuseBox®

2a CONNECTION INTO AN F3 CONSUMER UNIT (DUAL RCD)

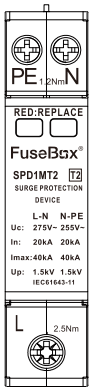


3 **Torque settings**

Before powering up the installation check all connections are TORQUED (see table). Loose connections cause fires!

CHECK REGULARLY

FLAG INDICATOR STATUS



GREEN OK

RED REPLACE

4 ENVIRONMENT

WASTE ELECTRICAL PRODUCTS SHOULD NOT BE DISPOSED OF IN HOUSEHOLD WASTE. CONTACT YOUR RETAILER OR LOCAL AUTHORITY FOR RECYCLING INFORMATION.