

## AFDD TPN Distribution Boards



High performance AFDDs to IEC/EN-62606: trip rated at 10kA up to 25A trip rated at 6kA for 32A and 40A 2 x 80A EVG busbars which accommodates incomer and AFDD feeders 125A incomer kits available as standard (TP and TPSN) Boards sizes combined to align top and bottom Optional internal

**SPD:** Type 2 surge arrester protection Type 1 and 2 combined lightning/surge arrester protection

### A choice of metering solutions

A wide range of accessories including optional internal SPD, multi board separation kits and alignment spacer, full profile blanking modules for unused AFDD ways, and door locking options.

- Optimised compact design for 125A SPN and 250A TPN applications
- TPN type B boards sizes – 14, 24 and 36 AFDD ways
- TPN type B extension boards 6 and 12 AFDD ways
- SPN type A boards , up to 5 AFDD ways with options for split load, hybrid and metered
- High-performance AFDDs, trip rated at 10kA up to 25A and trip rated at 6kA for 32A and 40A

BOARD OPTIONS	EATON LIST NUMBER	RATING (A)	TOTAL NO. OF AFDD OUTGOING WAYS
14 way AFDD, TPN, type B distribution board	EBMAFDD141	125	14
24 way AFDD, TPN, type B distribution board	EBMAFDD241	125	24
36 way AFDD, TPN, type B distribution board	EBMAFDD361	125	36

- Enclosure will accept Eaton 2-pole, 3 modules, AFDDs
- Optional internal SPD
- Enclosure degree of protection IP4X (wall mounted)
- Short circuit rating 10kA

INCOMER OPTIONS	EATON LIST NUMBER	RATING (A)	POLE CONFIGURATION
Switch Disconnecter - 4 pole	EMS1253N	125	TPSN
Switch Disconnecter - 3 pole	EMS1253	125	TP
Neutral link kit - required when using 3 pole device	EBMAFDDN	125	-

- Incomer devices supplied separately to DBs
- Maximum cable capacity 50mm<sup>2</sup>

## Accessories and SPDs

- Separation shield - to separate boards mounted on top of each other
- Single phasing kit
- Multi board alignment spacer - 20mm
- SPD Type 1&2 and Type 2

SPDS	EATON LIST NUMBER
SPDs kit for AFDD DB - type 2	EBMAFDDSPDT2
SPDs kit for AFDD DB - type 1&2	EBMAFDDSPDT12

ACCESSORIES	EATON LIST NUMBER
Separation shield	EBMAFDDSS
Single phasing kit	EBMAFDDSP
Multi board alignment spacer	EBMAFDDSS20