

# 2.1

## Memshield 3 MCB distribution boards and enclosures

### Type A, SPN distribution boards

See page 126 for technical data and overall dimensions

EAM10



#### 125A SPN, type A distribution boards

- When more than 16 SP ways are required, see our TPN board ranges, complete with single phase kit options
- IP3X

Description	Rating (A)	Total no. of outgoing ways	Eaton list number
4 way SPN, type A distribution board	125	4	<b>EAM4</b>
7 way SPN, type A distribution board	125	7	<b>EAM7</b>
10 way SPN, type A distribution board	125	10	<b>EAM10</b>
13 way SPN, type A distribution board	125	13	<b>EAM13</b>
16 way SPN, type A distribution board	125	16	<b>EAM16</b>

EAMS1251N



#### Incoming devices for SPN, type A distribution boards

- Incoming devices supplied separate to distribution board

Description	Rating (A)	Poles	Sensitivity (mA)	Eaton list number
Switch-disconnector	125	SPSN	–	<b>EAMS1251N</b>
RCCB incoming device for SPN, type A distribution board	90	1P+N	30	<b>EAMS100HE</b>
RCCB incoming device for SPN, type A distribution board	90	1P+N	100	<b>EAMS100ME</b>
RCCB incoming device for SPN, type A distribution board	90	1P+N	300	<b>EAMS100LE</b>
Direct connection kit for SPN, type A distribution board	100	1P+N	–	<b>EAMBT1002</b>

EAMMP65



#### Metered SPN, type A distribution boards & standard meter packs

- Type A SPN boards, fitted with multifunction meters, can display; Amps, kW, kWh, kVar and kVarh pulsed output etc.
- Split load versions utilise a two channel meter, feeding two independent busbars and groups of MCB/RCCBs
- Split load versions provide independent monitoring of “Power” and “Lighting” loads and total load.
- Aids compliance with Part L2 of the building regulations (England & Wales and Section 6 Scotland)
- IP3X

Description	Rating (A)	Total no. of outgoing ways	Installed meter, characteristics <sup>3)</sup>	Eaton list number
Meterpack for SPN, type A distribution boards	65	–	Pulsed output, kWh	<b>EAMMP65</b>
9 way SPN, type A distribution board <sup>1)</sup>	65	9	Pulsed output, kWh	<b>EAM9M</b>
9 way SPN, type A distribution board <sup>1)</sup>	65	9	Modbus	<b>EAM9MB</b>
12 way SPN, type A distribution board <sup>1)</sup>	65	12	Pulsed output, kWh	<b>EAM12M</b>
12 way SPN, type A distribution board <sup>1)</sup>	65	12	Modbus	<b>EAM12MB</b>
Split metered SPN, type A distribution board <sup>1), 2)</sup>	100	9 + 3	Pulsed output, kWh	<b>EAMSL93M</b>
Split metered SPN, type A distribution board <sup>1), 2)</sup>	100	9 + 3	Modbus	<b>EAMSL93MB</b>
Split metered SPN, type A distribution board <sup>1), 2)</sup>	100	6 + 6	Pulsed output, kWh	<b>EAMSL66M</b>
Split metered SPN, type A distribution board <sup>1), 2)</sup>	100	6 + 6	Modbus	<b>EAMSL66MB</b>

<sup>1)</sup> Includes factory fitted switch disconnector and single channel meter

<sup>2)</sup> Includes two channel meter, 65A max load per channel

<sup>3)</sup> Output type is Pulsed or Modbus

EM3SSK1T2



#### Surge protection device for SPN, type A distribution boards

- See page 126 for technical data

Description	Eaton list number
Enclosed surge protection kit for SPN boards – type 2	<b>EM3SSK1T2</b>