



## Eaton 167341

Eaton Moeller series xPole - SPBT12 Surge Protection Device. Lightning current and surge arresters, plug-in unit, 12, 5 kA

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|                             |                                                             |
|-----------------------------|-------------------------------------------------------------|
| <b>PRODUCT NAME</b>         | Eaton Moeller series xPole - SPBT12 Surge protection device |
| <b>CATALOG NUMBER</b>       | 167341                                                      |
| <b>PRODUCT LENGTH/DEPTH</b> | 80 mm                                                       |
| <b>PRODUCT HEIGHT</b>       | 65 mm                                                       |
| <b>PRODUCT WIDTH</b>        | 17.5 mm                                                     |
| <b>PRODUCT WEIGHT</b>       | 0.231 kg                                                    |
| <b>COMPLIANCES</b>          | RoHS conform                                                |

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|------------------------------------------------------------------------|--------------------|
| <b>SPECIFIC ENERGY (W/R)</b>                                           | 39.1 kJ/Ohm        |
| <b>TEST CLASS</b>                                                      | Type 1 + 2         |
| <b>CONDUCTOR CROSS SECTION (FLEXIBLE, FINE-STRAND) - MAX</b>           | 35 mm <sup>2</sup> |
| <b>CONDUCTOR CROSS SECTION (SOLID, SOLID-STRAND) - MAX</b>             | 25 mm <sup>2</sup> |
| <b>CONTINUOUS VOLTAGE AT AC - MAX</b>                                  | 280 V              |
| <b>CONTINUOUS VOLTAGE AT DC - MAX</b>                                  | 0 V                |
| <b>FOLLOW CURRENT EXTINGUISHING CAPABILITY</b>                         | 0 kA               |
| <b>LIGHTNING IMPULSE CURRENT (10/350 MS)</b>                           | 12.5 kA            |
| <b>NOMINAL VOLTAGE AT AC</b>                                           | 280 V              |
| <b>NOMINAL VOLTAGE AT DC</b>                                           | 0 V                |
| <b>PV-VOLTAGE - MAX</b>                                                | 0 V                |
| <b>VOLTAGE PROTECTION LEVEL</b>                                        | 1.5 KV             |
| <b>VOLTAGE PROTECTION LEVEL (DC+ - DC-)</b>                            | 0 KV               |
| <b>VOLTAGE PROTECTION LEVEL (DC+/DC- - PE)</b>                         | 0 KV               |
| <b>FRAME</b>                                                           | 1 modular spacing  |
| <b>DEGREE OF PROTECTION</b>                                            | IP20               |
| <b>MOUNTING METHOD</b>                                                 | On basic element   |
| <b>SIGNALLING AT THE DEVICE</b>                                        | Optic              |
| <b>OVERCURRENT PROTECTION DEVICE, PARALLEL CONNECTION (FUSE) - MAX</b> | 0 A                |
| <b>OVERCURRENT PROTECTION DEVICE, SERIES CONNECTION (FUSE) - MAX</b>   | 160 A              |
| <b>VOLTAGE PROTECTION LEVEL (L-N)</b>                                  | 0 KV               |
| <b>VOLTAGE PROTECTION LEVEL (L-PE)</b>                                 | 1.5 KV             |
| <b>VOLTAGE PROTECTION LEVEL (N-PE)</b>                                 | 0 KV               |
| <b>NUMBER OF POLES</b>                                                 | Single-pole        |

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|------|----------------------------------------------------------------------------------|
| □□□  | <a href="#">eaton-xpole-spct2-surge-protection-device-wiring-diagram-003.jpg</a> |
| □□□□ | <a href="#">eaton-spbt12-surge-protection-catalog-ca010002en-en-us.pdf</a>       |

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|--------------------|--------------------------------------------------------------------------------------------------------------------------|
| SYSTEM             | TN                                                                                                                       |
| CONFIGURATION TYPE | Other                                                                                                                    |
| TYPE               | Surge arrester                                                                                                           |
| APPLICATION        | <ul style="list-style-type: none"><li>• Open areas</li><li>• Residential buildings</li><li>• Utility buildings</li></ul> |

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| PROJECT NAME:   |
| PROJECT NUMBER: |
| PREPARED BY:    |
|                 |

