



## List No. PSB50-D

### NH DISTRIBUTION

D50 10kA 1P MCB (1MW)



- D curve trip characteristic (10-20In)
- 10kA to BS EN 60898-1 (15kA to BS EN 60947-2) @ 240V AC
- Double pole MCB
- Energy limiting Class 3

#### Product Specification Data

Revision Date: 15/10/2021

|   |                        |
|---|------------------------|
| Release characteristic  | D                      |
| Number of poles (total)   | 1                      |
| Number of protected poles   | 1                      |
| Rated current   | 50 A                   |
| Rated voltage   | 230 V                  |
| Rated insulation voltage $U_i$  | 400 V                  |
| Rated impulse withstand voltage $U_{imp}$                                     | 4 kV                   |
| Rated short-circuit breaking capacity $I_{cn}$ according to EN 60898 at 230 V | 10 kA                  |
| Rated short-circuit breaking capacity $I_{cn}$ according to EN 60898 at 400 V | 10 kA                  |
| Voltage type  | AC                     |
| Frequency   | 50 Hz                  |
| Current limiting class  | 3                      |
| Flush-mounted installation  | No                     |
| Concurrently switching neutral conductor                                      | No                     |
| Over voltage category   | 3                      |
| Additional equipment possible   | No                     |
| Width in number of modular spacings   | 1                      |
| Degree of protection (IP)   | IP20                   |
| Ambient temperature during operating  | -5 - 40 °C             |
| Connectable conductor cross section multi-wired                               | .75-25 mm <sup>2</sup> |
| Product Standard/s  | BS EN 60898-1          |
| Terminal Capacity L&N   | 35 mm <sup>2</sup>     |
| CE Conformity   | Yes                    |
| WEEE Symbol   | Yes                    |
| UKCA Conformity   | Yes                    |

Although every effort has been made to ensure accuracy in the compilation of the technical detail within this datasheet, specifications and performance data are constantly changing. Latest details can be obtained from the Electrium website.



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