

Current transformer HF3B, 250A/1A



**Part no.** HF3B-250/1A  
741B0029

| General specifications         |  |                                      |
|--------------------------------|--|--------------------------------------|
| Product name                   |  | Eaton Distribution parts             |
| Part no.                       |  | HF3B-250/1A                          |
| EAN                            |  | 5703498700234                        |
| Product Length/Depth           |  | 54 millimetre                        |
| Product height                 |  | 28 millimetre                        |
| Product width                  |  | 60 millimetre                        |
| Product weight                 |  | 0.165 kilogram                       |
| Compliances                    |  | RoHS conform                         |
| Product Tradename              |  | None                                 |
| Product Type                   |  | Distribution parts                   |
| Product Sub Type               |  | None                                 |
| Public Consumption             |  | Yes                                  |
| Product Family Description     |  | ES-PMCC-PDC-Eaton Distribution parts |
| Globally Marketable            |  | Yes                                  |
| Product Specification Details  |  |                                      |
| Accuracy class (ratio)         |  | 3                                    |
| Model                          |  | Through-feed current converter       |
| Nominal current                |  | 250 A                                |
| Number of inputs (primary)     |  | 1                                    |
| Opening diameter               |  | 23 mm                                |
| Opening height - max           |  | 23 mm                                |
| Opening height - min           |  | 23 mm                                |
| Opening width - max            |  | 30 mm                                |
| Opening width - min            |  | 30 mm                                |
| Over current limiting factor   |  | FS 5                                 |
| Secondary connection           |  | Screw connection                     |
| Secondary current input        |  | 1 A                                  |
| Secondary rated apparent power |  | 2.5 V-A                              |

Technical data ETIM 9.0

| Low-voltage industrial components (EG000017) / Current transformer (EC002048)  |    |                                |
|--|----|--------------------------------|
| Electric engineering, automation, process control engineering / Signal processing / Transformer / Current transformer (ecl@ss13-27-21-09-02 [AAB626019]) |    |                                |
| Model  |    | Through-feed current converter |
| Rated primary current  | A  | 250                            |
| Rated secondary current  | A  | 1                              |
| Rated secondary apparent power   | VA | 2.5                            |
| Power consumption  | W  |                                |
| Accuracy class   |    | 3                              |
| Overcurrent limiting factor  |    | FS 5                           |
| Calibrated   |    | No                             |
| With shock protection  |    | No                             |
| Height opening   | mm | 23 - 23                        |
| Width opening  | mm | 30 - 30                        |
| Opening diameter   | mm | 23                             |
| Snap mounting  |    | Yes                            |
| With copper rail   |    | No                             |
| Secondary connection   |    | Screw connection               |

