



**Product data sheet**

**HDM2125L0802**

**Characteristics**

**Molded case circuit breaker, HDM2-125L, 2P, 80 A, power distribution**



**Main**

|                           |                                       |
|---------------------------|---------------------------------------|
| Range of product          | HDM2                                  |
| Product or component type | Enclosed moulded case circuit breaker |
| Poles description         | 2P                                    |
| [In] rated current        | 80 A                                  |
| Frame size                | 125AF                                 |

**Complementary**

|  |   |
|--|---|
| [Ue] rated operational voltage         | 220/240 V<br>400 V                          |
| Network type                           | AC<br>AC                                    |
| Network frequency                      | 50/60 Hz                                    |
| Electrical durability                  | 2000 cycles                                 |
| Mechanical durability                  | 9000 cycles                                 |
| [Uimp] rated impulse withstand voltage | 8 kV  |
| Suitability for isolation              | Yes   |
| Trip unit technology                   | Thermal-magnetic                            |
| Device application                     | Power distribution protection               |
| [Ics] rated service breaking capacity  | 30 kA at 220/240 V<br>20 kA at 400 V        |
| Rated breaking capacity                | 18 kA at 220/240 V<br>15 kA at 400 V        |
| Voltage release type                   | Shunt trip release                          |
| Provided equipment                     | MX voltage release to be ordered separately |
| [Ui] rated insulation voltage          | 690 V                                       |
| Installation category                  | III   |
| Clamping connection capacity           | 50 mm <sup>2</sup>                          |
| Height                                 | 130 mm                                      |
| Width                                  | 25 mm                                       |
| Depth                                  | 94 mm                                       |
| Product weight                         | 0.7 kg                                      |

**Environment**

|                         |      |
|-------------------------|------|
| IP degree of protection | IP20 |
| Pollution degree        | 3    |

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|---------------------------------------|-------------|
| Utilisation category                  | Category A  |
| Ambient air temperature for operation | -5...40 °C  |
| Ambient air temperature for storage   | -20...70 °C |
| Operating altitude                    | 0...2000 m  |
| Standards                             | IEC 60947-2 |
| Product certifications                | SEMKO       |

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#### **Packing Units**

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|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Height             | 13.0 cm |
| Package 1 Width              | 2.5 cm  |
| Package 1 Length             | 9.4 cm  |
| Package 1 Weight             | 700.0 g |

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#### **Offer Sustainability**

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|-----------------------|----|
| Sustainable packaging | No |
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