



Product data sheet

HDC38011B7

Characteristics

Contactor, HDC3-8011, 24 V, 50/60 Hz



Main

|                                             |               |
|---------------------------------------------|---------------|
| Range of product                            | HDC3          |
| Product or component type                   | Contactor     |
| Contactor application                       | Non-reversing |
| Poles description                           | 3P            |
| [Ith] conventional free air thermal current | 125 A         |

Complementary

|                                |                                                                                                            |
|--------------------------------|------------------------------------------------------------------------------------------------------------|
| Utilisation category           | AC-3<br>AC-4                                                                                               |
| [In] rated current             | 80 A                                                                                                       |
| [Uc] control circuit voltage   | 24 V AC 50/60 Hz                                                                                           |
| Auxiliary contact composition  | 1 NO + 1 NC                                                                                                |
| [Ui] rated insulation voltage  | 690 V                                                                                                      |
| [Ie] rated operational current | 80 A at 380/400 V AC-3<br>49 A at 660/690 V AC-3<br>37 A at 380/400 V AC-4<br>17.3 A at 660/690 V AC-4     |
| Motor power kW                 | 37 kW at 380/400 V AC-3<br>45 kW at 660/690 V AC-3<br>18.5 kW at 380/400 V AC-4<br>15 kW at 660/690 V AC-4 |

Environment

|                                               |                                                |
|-----------------------------------------------|------------------------------------------------|
| Installation category                         | III                                            |
| Pollution degree                              | 3                                              |
| Ambient air temperature for operation         | -5...40 °C                                     |
| Average ambient air temperature for operation | = 35 °C (average over 24 hours)                |
| Ambient air temperature for storage           | -25...55 °C                                    |
| Operating altitude                            | 2000 m                                         |
| Standards                                     | IEC 60947-4-1                                  |
| Product certifications                        | CB<br>CE<br>SEMKO                              |
| IP degree of protection                       | IP20                                           |
| Relative humidity                             | 0...50 % at 0...40 °C<br>0...90 % at 0...20 °C |