



PRODUCT-DETAILS

ACS800-04-0020-5  
ACS800-04-0020-5 Pcont.max:15kW,  
Icont.max:25A



| General Information     |                                                |
|-------------------------|------------------------------------------------|
| Global Commercial Alias | ACS800-04-0020-5                               |
| Product ID              | 68365481                                       |
| ABB Type Designation    | ACS800-04-0020-5                               |
| Catalog Description     | ACS800-04-0020-5 Pcont.max:15kW, Icont.max:25A |

| Ordering                |                                                                                                                                                                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Customs Tariff Number   | 85044088                                                                                                                                                                                                                                                                                               |
| HS Code                 | 850440 -- ELECTRICAL MACHINERY AND EQUIPMENT AND PARTS THEREOF; SOUND RECORDERS AND REPRODUCERS, TELEVISION IMAGE AND SOUND RECORDERS AND REPRODUCERS, AND PARTS AND ACCESSORIES OF SUCH ARTICLES;Electrical transformers, static converters (for example, rectifiers) and inductors;Static converters |
| Invoice Description     | ACS800-04-0020-5 Pcont.max:15kW, Icont.max:25A                                                                                                                                                                                                                                                         |
| Made To Order           | Yes                                                                                                                                                                                                                                                                                                    |
| Minimum Order Quantity  | 1 piece                                                                                                                                                                                                                                                                                                |
| Order Multiple          | 1 piece                                                                                                                                                                                                                                                                                                |
| Quote Only              | No                                                                                                                                                                                                                                                                                                     |
| Selling Unit of Measure | piece                                                                                                                                                                                                                                                                                                  |

Dimensions

|                            |        |
|----------------------------|--------|
| Product Net Weight         | 13 kg  |
| Product Net Depth / Length | 232 mm |
| Product Net Height         | 420 mm |
| Product Net Width          | 173 mm |

Technical

|                                                 |                             |
|-------------------------------------------------|-----------------------------|
| Number of Phases                                | 3-phase                     |
| Frequency (f)                                   | 48 ... 63 Hz                |
| Frame Size                                      | R3                          |
| Input Voltage ( $U_{in}$ )                      | 380 ... 500 V               |
| Mounting Type                                   | Module for cabinet assembly |
| Output Current, Normal Use ( $I_n$ )            | 25 A                        |
| Output Current, Light-Overload Use ( $I_{LD}$ ) | 23 A                        |
| Output Current, Heavy-Duty Use ( $I_{HD}$ )     | 18 A                        |
| Output Power, Normal Use ( $P_n$ )              | 15 kW                       |
| Output Power, Light-Overload Use ( $P_{LD}$ )   | 15 kW                       |
| Output Power, Heavy-Duty Use ( $P_{HD}$ )       | 11 kW                       |
| Apparent Power Output                           | 22 kV·A                     |
| Efficiency Level                                | IE2                         |
| Standby Loss                                    | 42 W                        |
| Complete Drive Module Efficiency (IEC61800-9-2) |                             |

| Operating Point<br>Frequency / Current | Absolute<br>Loss | Relative<br>Loss | Efficiency |
|----------------------------------------|------------------|------------------|------------|
| 0 / 25 %                               | 100 W            | 0.5 %            | 92.0 %     |
| 0 / 50 %                               | 128 W            | 0.6 %            | 94.5 %     |
| 0 / 100 %                              | 214 W            | 1.0 %            | 95.4 %     |
| 50 / 25 %                              | 107 W            | 0.5 %            | 95.7 %     |
| 50 / 50 %                              | 144 W            | 0.7 %            | 97.0 %     |
| 50 / 100 %                             | 251 W            | 1.2 %            | 97.3 %     |
| 90 / 50 %                              | 165 W            | 0.8 %            | 98.1 %     |
| 90 / 100 %                             | 306 W            | 1.4 %            | 98.2 %     |

Temperature RatingMaximum 50 °C

External Classifications and Standards

|        |          |
|--------|----------|
| UNSPSC | 39122001 |
|--------|----------|

Environmental

|               |                                                            |
|---------------|------------------------------------------------------------|
| SCIP          | e550f262-cea9-43a6-bbb7-76ebc5b9dc70 Finland               |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |

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## Categories

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Drives → Low Voltage AC Drives → Legacy AC Drives → ACS800 Drive Modules → ACS800-04 - Single drive module

