

ACS380-042S-03A7-1

ABB ACS380-042S-03A7-1 machinery drive

|                |                                   |                                |                          |
|----------------|-----------------------------------|--------------------------------|--------------------------|
| BRAND          | ABB                               | ORDER CODE / PRODUCT REFERENCE | 3AXD500000031873         |
| PRODUCT FAMILY | ACS380                            | CATEGORY                       | Variable Frequency Drive |
| SUPPLY BASIS   | RFQ / on request - no stock claim | RECORD IDENTITY                | Catalog identity matched |

PRODUCT DESCRIPTION

ABB ACS380-042S-03A7-1 is an active ACS380 machinery drive rated 200-240 V AC, single-phase. This 042S version provides high filtering: emc category c2 and is the standard bmio-01 i/o and modbus variant. It supports compact OEM machinery, conveyors, mixers, packaging equipment and material handling applications. For configured versions, the required communication or I/O plus-code is selected during quotation for Egypt and MENA projects.

RECORDED SPECIFICATIONS

|                   |                                                        |
|-------------------|--------------------------------------------------------|
| Supply            | 200-240 V AC, single-phase                             |
| Enclosure         | IP20/IP21                                              |
| Drive class       | Machinery drive                                        |
| Drive family      | ACS380                                                 |
| EMC filtering     | High filtering: EMC category C2                        |
| ACS380 variant    | 042S                                                   |
| Lifecycle basis   | Current ABB ACS380 catalog                             |
| Option handling   | Fieldbus and I/O plus-code options selected separately |
| Region selection  | Egypt and MENA demand-weighted                         |
| ABB ordering code | 3AXD500000031873                                       |

ADDITIONAL SPECIFICATIONS

|                        |                                         |
|------------------------|-----------------------------------------|
| Heavy-duty current     | 2.4 A                                   |
| Light-duty current     | 3.5 A                                   |
| Connectivity variant   | Standard BMIO-01 I/O and Modbus variant |
| Heavy-duty motor power | 0.37 kW                                 |
| Light-duty motor power | 0.55 kW                                 |

MANUFACTURER DOCUMENTATION

No manufacturer document is linked because exact-SKU or compatible-family evidence has not been recorded.

Document status: This is an InduMarket product specification summary, not a manufacturer-issued datasheet. It is generated from the catalog record for the exact part number. Any linked manufacturer document passed the SKU-compatibility evidence gate. Confirm ratings, compatibility, certifications and any successor reference before ordering.