ACS380-042S-12A2-1

ABB ACS380-042S-12A2-1 machinery drive

BRAND
ABB

PRODUCT FAMILY
ACS380

SUPPLY BASIS
RFQ / on request - no stock claim

ORDER CODE / PRODUCT REFERENCE
3AXD500000031878

CATEGORY
Variable Frequency Drive

RECORD IDENTITY
Catalog identity matched

PRODUCT DESCRIPTION

ABB ACS380-042S-12A2-1 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	3AXD500000031878

ADDITIONAL SPECIFICATIONS

Heavy-duty current	9.8 A
Light-duty current	11.6 A
Connectivity variant	Standard BMIO-01 I/O and Modbus variant
Heavy-duty motor power	2.2 kW
Light-duty motor power	3 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.