

ACS880-34-0420A-5

ABB ACS880-34-0420A-5 250 kW ultra-low-harmonic drive module

|                |                                   |                                |                          |
|----------------|-----------------------------------|--------------------------------|--------------------------|
| BRAND          | ABB                               | ORDER CODE / PRODUCT REFERENCE | ACS880-34-0420A-5        |
| PRODUCT FAMILY | ACS880                            | CATEGORY                       | Variable Frequency Drive |
| SUPPLY BASIS   | RFQ / on request - no stock claim | RECORD IDENTITY                | Catalog identity matched |

PRODUCT DESCRIPTION

ABB ACS880-34-0420A-5 is a current ACS880 ultra-low-harmonic drive module rated 250 kW and 420 A at 380-500 V AC, using R8i + BLCL + R8i. It integrates active-front-end harmonic mitigation for typically below 3% input-current distortion under nominal network conditions. ABB Direct Torque Control, Safe Torque Off and flexible industrial communications support demanding crane, mining, metals, cement, marine, oil and gas, test-bench and process applications across industrial applications.

RECORDED SPECIFICATIONS

|                  |                                         |
|------------------|-----------------------------------------|
| Safety           | Safe Torque Off (STO)                   |
| Supply           | 380-500 V AC, three-phase               |
| Drive class      | Ultra-Low-Harmonic Drive Module         |
| Motor power      | 250 kW                                  |
| Construction     | ACS880-34                               |
| Drive family     | ACS880                                  |
| Motor control    | Direct Torque Control (DTC)             |
| Rated current    | 420 A                                   |
| Lifecycle basis  | Current ABB ACS880 Rev T/Rev P catalogs |
| Protection class | IP20 module                             |

ADDITIONAL SPECIFICATIONS

|                        |                                           |
|------------------------|-------------------------------------------|
| ABB type designation   | ACS880-34-0420A-5                         |
| Frame / module layout  | R8i + BLCL + R8i                          |
| Energy / power quality | Ultra-low harmonic; typical THDi below 3% |

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.