

ACS880-14-0420A-5

ABB ACS880-14-0420A-5 250 kW regenerative drive module

|                |                                   |                                |                          |
|----------------|-----------------------------------|--------------------------------|--------------------------|
| BRAND          | ABB                               | ORDER CODE / PRODUCT REFERENCE | ACS880-14-0420A-5        |
| PRODUCT FAMILY | ACS880                            | CATEGORY                       | Variable Frequency Drive |
| SUPPLY BASIS   | RFQ / on request - no stock claim | RECORD IDENTITY                | Catalog identity matched |

PRODUCT DESCRIPTION

ABB ACS880-14-0420A-5 is a current ACS880 regenerative drive module rated 250 kW and 420 A at 380-500 V AC, using R8i + BLCL + R8i. It returns braking energy to the supply network and supports continuous regenerative operation. 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      | Regenerative Drive Module               |
| Motor power      | 250 kW                                  |
| Construction     | ACS880-14                               |
| 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   | ACS880-14-0420A-5                             |
| Frame / module layout  | R8i + BLCL + R8i                              |
| Energy / power quality | Regenerative operation; 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.