



ABB Announces the Release of the ACS880 Extension Box

September 30th, 2016 - ABB Low Voltage Drives Group releases for sale the **ACS880 Extension Box**.

The ACS880 Extension Box is an ACS880-01 wall-mounted drive on a back panel with an electrical box for additional devices. Within the box are line fuses to protect the drive. Optional devices include a local disconnect switch and control power transformer. The ACS880 extension box will save cost and simplify installation because it has the input fusing and local disconnect switch that are typically required as part of the installation. It can optionally provide 120V digital signal interface and on/off motor control. It is used in a variety of industries including oil and gas, chemical, mining, material handling, pulp and paper, saw mills and cement. Applications include extruders, winders, conveyors, mixers, compressors, pumps and fans. The ACS880 Extension Box is available up to 150 HP in a wall-mountable package engineered for in-door locations in industrial environments.

Available Ratings

- ACS880 R1 to R7
- 230 VAC: 1 – 60 HP
- 460 VAC: 1 – 150 HP
- 600 VAC: 7.5 – 125 HP

Standard Features

- UL Type 1 (IP21)
- UL listed with 100 kA SCCR
- Top and bottom entry or exit
- Sturdy back panel with welded enclosure
- Line fuses to protect the drive
- Engineered for ease of service

Options

- Lockable local disconnect switch
- dV/dt filter up to 10 HP (UL type 1 at 480 Vac)
- Control power transformer
- 120 Vac inputs and outputs
- UL type 12 (IP54) (future)
- Control devices: HOA, fault reset, start/stop and Estop (future)
- Pilot lights: run, ready and fault (future)
- Speed pot (future)



Base Drive Features and Options

- Standard ACS880 firmware
- Built-in line impedance
- Direct Torque Control (DTC)
- Intuitive, high resolution control display
- Built-in energy monitor
- Energy optimizer

Fieldbus, digital/analog inputs and outputs, and motor feedback adapters

ABB Inc.



Order Information

- ACS880 Extension Box is specified by adding the **plus code +C212**
- Available for sale to the Industrial Sales channel to partners eligible for the ACS880 product line in North America
- Now included in the Low Voltage Drives Price Book under a new section titled, "Low Voltage Configured Drives" (online version only; paper copies will not be mailed)
- Same multiplier schedule as the ACS880
- Available later this year in the ABBnow Configurator
- Lead time: 6 weeks through 2016, 4 weeks thereafter

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