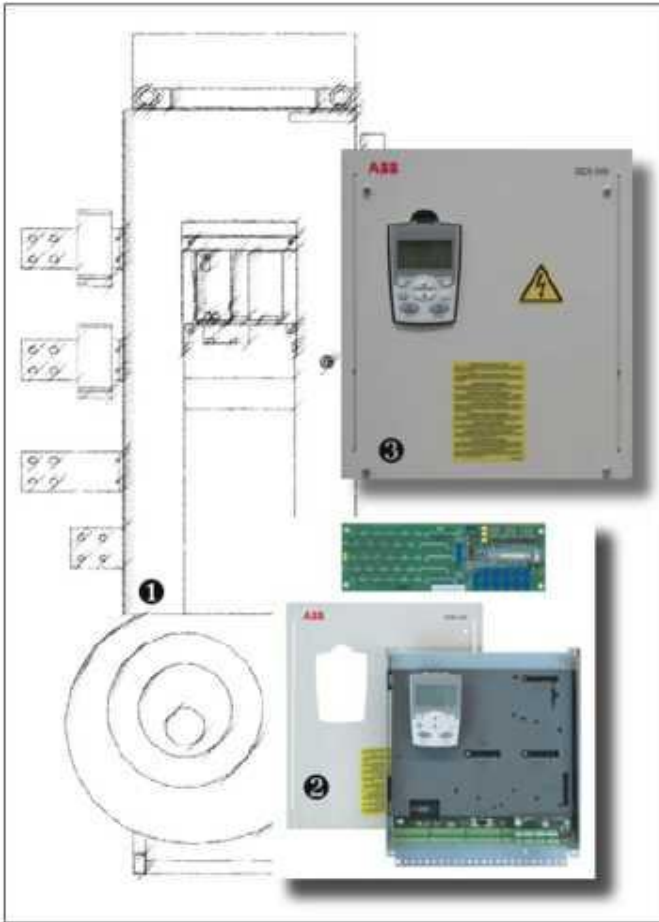


# DCS800-R Upgrade Kits

## Upgrade solutions for DCS500 / DCS800 drives



- Upgrade of DCS500 / DCS500B / DCS600 to DCS800
- Available for modules
  - DCS500 / DCV700 (based on SDCS-CON-1)
    - 680A ... 5150A
    - Sizes: C2b, C3, C4
  - DCS500B / DCS600 (based on SDCS-CON-2)
    - 900A ... 5200A
    - Sizes: A5, A6, A7
- Content of an Upgrade Kit (Standard)
  - Control board SDCS-CON-4 with SDCS-DSL-4
  - Electronics power supply board SDCS-POW-4
  - Measuring board SDCS-PIN-51 (only when needed)
  - DCS800 Control Panel
  - Cables
  - Mechanical parts for assembling

# DCS800-R Upgrade Kits

## Requirements and Design conditions for Upgrades

### Requirements

- Converter modules DCS500, DCS500B (except Unitrol), DCS600
- DC Voltage 400VAC up to 1000 VAC
- Nominal current 680A up to 5200A
- Sufficient physical condition of the existing module

### Design conditions

- Max. 24VDC control voltage for SDCS-CON-4 instead of 48VDC
- Upgrades DCS600 -> DCS800 require SDCS-COM-8x board for fiber optic connections
- Old field exciters have to be exchanged due to DCSLink Communication.
- Line chokes can be reused if field settings remain unchanged
- I/O extension board SDCS-IOE-1 has to be exchanged by RDIO-01 and RAIO-01
- New commissioning tool DriveWindow 2.2 or higher is needed