

**136G8778****MCD60194BT5S2X00CV1**

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VLT® Soft Starter MCD 600

With Int. Bypass Contactor

194 A, Three phase 200-525 V AC

Frame size 2, IP00

Control Voltage: 24 VAC/VDC

Other options according to Model code

Model code: MCD60194BT5S2X00CV1

VLT® Soft Starter MCD 600 is a total motor starting solution.

Current transformers measure motor current and provide feedback for controlled motor ramp profiles.

Adaptive Acceleration Control (AAC) automatically employs the best starting and stopping profile for the application.

Emergency mode and Pump clean function are standard features.

The optional remote control panel adds more functionality, such as the Start/Stop buttons, and quick jump buttons to menu options.

VLT® Soft Starter MCD 600 is available in three enclosure sizes: S1, S2 and S3

S1: IP20 with built-in bypass contactor (20–129 A)

S2: IP00 either with built-in bypass or non-bypass (144 –579 A).

S3: IP00 with built-in bypass, non-bypass or external bypass (590–1250 A)

To achieve protection rating IP20 on connections, order the Finger Guard Kit as an accessory.

PRODUCT DETAILS

| | | |
|--|---------------------|----------------------------|
| Gross weight | 14 kg | |
| Net weight | 12.7 kg | |
| Volume | 59.4 l | |
| EAN | 5710108652784 | |
| Sales restriction control | | |
| Matr grp for sales restriction | 0001 | No grouping |
| VLT® SOFT STARTER MCD600 SERIES | | |
| Product View (Switch) | GLBL | Global (Standard) |
| Product Group | MCD | MCD Soft Starter series |
| MCD Series | 6 | 600 Series |
| Current Rating | 0194 | 194 A |
| Bypass | B | With Int. Bypass Contactor |
| Phase | T | Three phase |
| Mains Voltage | 5 | Three phase 200-525 V AC |
| Enclosure | S2 | Frame size 2 |
| Performance | X | Reserved |
| IP Rating | 00 | IP00 |
| Control Voltage | CV1 | 24 VAC/VDC |
| Typecode Part 1 | MCD60194BT5S2X00CV1 | |

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PRODUCT DETAILS

| | | |
|------------------------------|---------|-------------------------|
| Product Catalog | NO_VIEW | NO VIEW |
| Modelcode01 | | MCD60194BT5S2X00CV1 |
| Calculated Gross Weight [kg] | | 13.5 |
| Calculated Net Weight [kg] | | 12.7 |
| Material Gross Weight | | 14 |
| Material Net Weight | | 12.7 |
| Plant from Orderline | | B901 |
| Vendor | ERR01 | Cannot Determine Vendor |
| Recommended Factory | ERR01 | Cannot Determine Vendor |

For Documents, Software, Visuals and more information, please use this link to visit the product page on Danfoss Product Store [🔗](#)

Accessories

**175G0186** [🔗](#)**MCD 600 Finger guards for 0144B-0579B**

Finger guards provide IP20 protection when used with cable of diameter 22 mm or greater.

**175G0131** [🔗](#)**MCD 600 Ethernet/IP**

MCD 600 Ethernet/IP supports network communication via easy-to-install communication expansion cards. Each communication card includes a remote LCP 601 connector port.

**175G0127** [🔗](#)**MCD 600 Modbus RTU**

MCD 600 Modbus RTU supports network communication via easy-to-install communication expansion cards. Each communication card includes a remote LCP 601 connector port.

**175G0128** [🔗](#)**MCD 600 Profibus**

MCD 600 Profibus supports network communication via easy-to-install communication expansion cards. Each communication card includes a remote LCP 601 connector port.

**175G0129** [🔗](#)**MCD 600 Devicenet**

MCD 600 Devicenet supports network communication via easy-to-install communication expansion cards. Each communication card includes a remote LCP 601 connector port.

For more information, please use this link to visit the product page on Danfoss Product Store [🔗](#)

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Accessories



175G0130 [🔗](#)

MCD 600 Modbus TCP

MCD 600 Modbus TCP supports network communication via easy-to-install communication expansion cards. Each communication card includes a remote LCP 601 connector port.



175G0134 [🔗](#)

MCD 600 Remote Keypad/Display

The VLT® Soft Starter MCD 600 soft starters can be used with a remote LCP mounted up to 3 m (9.8 ft) away from the soft starter. This kit contains a LCP601 + 3 meter cable and an expansion card with connection port



175G0133 [🔗](#)

MCD 600 Pumping Smart Card

The MCD600 Pumping Smart Card provides dedicated inputs for pressure, depth, temperature, and flow sensors to allow protection, control, and monitoring integration in a range of pumping applications



175G0132 [🔗](#)

MCD 600 Profinet

MCD 600 Profinet supports network communication via easy-to-install communication expansion cards. Each communication card includes a remote LCP 601 connector port.



175G0187 [🔗](#)

Remote Control Panel LCP601

The VLT® Soft Starter MCD 600 soft starters can be used with a remote LCP mounted up to 3 m (9.8 ft) away from the soft starter. This kit contains a LCP601 + 3 meter cable. Can be connected to existing communication card

Image coming soon

175G0030 [🔗](#)

Modbus TCP Option NIC52 version GF

Image coming soon

175G0031 [🔗](#)

Ethernet IP option NIC52 version GF

Image coming soon

175G0032 [🔗](#)

ProfNet option, NIC52 version GF

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Spare Parts

**175G0138** [🔗](#)**Control Card for 24V ctl.Frame S1,S2,S3**

Control Card for 24V ctl.Frame size S1,S2 and S3. Boards sent as spare parts are not loaded with firmware. After replacing Control Card, load firmware into the soft starter.

**175G0140** [🔗](#)**Motor Control Kit for big T5 starter**

Motor Control Kit for Frame size S2,S3 Mains Voltage T5 (200-525V). Boards sent as spare parts are not loaded with firmware. After replacing Control Card, load firmware into the soft starter.

**175G0154** [🔗](#)**Fan Replacement Kit for large starters**

Models MCD6-0144B ~ MCD6-1250B require a fan

**175G0149** [🔗](#)**Replacement SCR Kit 0143-0193B starter**

Each kit contains 1 SCR. MCD600 soft starters requires 3 SCRs for a full replacement

**175G0157** [🔗](#)**Sparepart Bypass Contactor Kit 171-244A**

Each kit contains 1 internal bypass contactor. MCD600 soft starters requires 3 internal bypass contactors for a full replacement

**175G0135** [🔗](#)**Kit Enclosure Opening Tools MCD 600**

Opening Tools MCD 600 in case of service.
Tool consist of two parts to be used at top an bottom to release locks

Services

**130R1131** [🔗](#)**DrivePro ExWarr Work Shop PG04 30 months**

DrivePro® Standard Extended Warranty provides repair at a Danfoss Drives workshop, or shipment of a replacement product to the site.
You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.

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Services

**130R1134** [🔗](#)**DrivePro ExWarr Work Shop PG04 48 months**

DrivePro® Standard Extended Warranty provides repair at a Danfoss Drives workshop, or shipment of a replacement product to the site.

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**130R1135** [🔗](#)**DrivePro ExWarr Work Shop PG04 54 months**

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**130R1137** [🔗](#)**DrivePro ExWarr Work Shop PG04 66 months**

DrivePro® Standard Extended Warranty provides repair at a Danfoss Drives workshop, or shipment of a replacement product to the site.

You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.

**130R1138** [🔗](#)**DrivePro ExWarr Work Shop PG04 72 months**

DrivePro® Standard Extended Warranty provides repair at a Danfoss Drives workshop, or shipment of a replacement product to the site.

You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.

**130R1136** [🔗](#)**DrivePro ExWarr Work Shop PG04 60 months**

DrivePro® Standard Extended Warranty provides repair at a Danfoss Drives workshop, or shipment of a replacement product to the site.

You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.

**130R1130** [🔗](#)**DrivePro ExWarr Work Shop PG04 24 months**

DrivePro® Standard Extended Warranty provides repair at a Danfoss Drives workshop, or shipment of a replacement product to the site.

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Services

**130R1132** [🔗](#)**DrivePro ExWarr Work Shop PG04 36 months**

DrivePro® Standard Extended Warranty provides repair at a Danfoss Drives workshop, or shipment of a replacement product to the site.

You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.

**130R1133** [🔗](#)**DrivePro ExWarr Work Shop PG04 42 months**

DrivePro® Standard Extended Warranty provides repair at a Danfoss Drives workshop, or shipment of a replacement product to the site.

You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.

**130R1034** [🔗](#)**DrivePro ExWarr Onsite PG04 48 months**

DrivePro® On-site Extended Warranty provides repair at the customer site, or replacement at the customer site.

You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.

**130R1031** [🔗](#)**DrivePro ExWarr Onsite PG04 30 months**

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**130R1030** [🔗](#)**DrivePro ExWarr Onsite PG04 24 months**

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You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.

**130R1038** [🔗](#)**DrivePro ExWarr Onsite PG04 72 months**

DrivePro® On-site Extended Warranty provides repair at the customer site, or replacement at the customer site.

You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.

**130R1036** [🔗](#)**DrivePro ExWarr Onsite PG04 60 months**

DrivePro® On-site Extended Warranty provides repair at the customer site, or replacement at the customer site.

You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.

**130R1037** [🔗](#)**DrivePro ExWarr Onsite PG04 66 months**

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