



136Z4283

MCD60654BT5S3X00CV2

MCD60654BT5S3X00CV2
 VLT® Soft Starter MCD 600
 With Int. Bypass Contactor
 654 A, Three phase 200-525 V AC
 Frame size 3, IP00
 Control Voltage: 110~120 VAC or 220~240 VAC
 Other options according to Model code

Model code: MCD60654BT5S3X00CV2

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 | | 51 Kilogram |
| Net weight | | 51 Kilogram |
| EAN | | 5714853232468 |
| Product View (Switch) | GLBL | Global (Standard) |
| Product Group | MCD | MCD Soft Starter series |
| MCD Series | 6 | 600 Series |
| Current Rating | 0654 | 654 A |
| Bypass | B | With Int. Bypass Contactor |
| Phase | T | Three phase |
| Mains Voltage | 5 | Three phase 200-525 V AC |
| Enclosure | S3 | Frame size 3 |
| Performance | X | Reserved |
| IP Rating | 00 | IP00 |
| Control Voltage | CV2 | 110~120 VAC or 220~240 VAC |
| Typecode Part 1 | | MCD60654BT5S3X00CV2 |
| Product Catalog | NO_VIEW | NO VIEW |
| Modelcode01 | | MCD60654BT5S3X00CV2 |
| Calculated Gross Weight [kg] | | 61 |
| Calculated Net Weight [kg] | | 51 |

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PRODUCT DETAILS

| | | |
|----------------------------|-------|-------------------------|
| ECCN EU | Y901 | Y901 |
| ECCN US | EAR99 | EAR99 |
| Vendor | ERR01 | Cannot Determine Vendor |
| Recommended Factory | ERR01 | Cannot Determine Vendor |
| Recommended Plant | ERR01 | ERR01 |

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

Accessories



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.



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.

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Accessories



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.

Image coming soon

175G0203 [↗](#)

MCD 600 Busbar Lug Kit for S3

A terminal lug is recommended for models MCD6-0654B~MCD6-1250B and MCD6-0590C~MCD6-1134C. The recommended lug is TCAL125. To use a lug, these models require busbar link 175G0203. MCD6-0654B~MCD1250B have 6 busbars (x3 for AC in, x3 for motor out) and require 2 x 157G0203. MCD6-0590C~MCD6-1134C have 9 busbars (x3 for AC in, x3 for bypass, x3 for motor out) and require 3 x 157G0203.

Image coming soon

175G0202 [↗](#)

MCD 600 Finger Guard kit IP20 for S3

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



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

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Accessories

Image
coming
soon

175G0031 [🔗](#)
Ethernet IP option NIC52 version GF

Image
coming
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175G0032 [🔗](#)
ProfiNet option, NIC52 version GF

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