



136G8768 

MCD60108BT5S1X20CV2

MCD60108BT5S1X20CV2
 VLT® Soft Starter MCD 600
 With Int. Bypass Contactor
 108 A, Three phase 200-525 V AC
 Frame size 1, IP20
 Control Voltage: 110~120 VAC or 220~240 VAC
 Other options according to Model code

Model code: MCD60108BT5S1X20CV2

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	5.5 kg	
Net weight	5.5 kg	
Volume	17.589 l	
EAN	5710108652685	
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	0108	108 A
Bypass	B	With Int. Bypass Contactor
Phase	T	Three phase
Mains Voltage	5	Three phase 200-525 V AC
Enclosure	S1	Frame size 1
Performance	X	Reserved
IP Rating	20	IP20
Control Voltage	CV2	110~120 VAC or 220~240 VAC
Typecode Part 1	MCD60108BT5S1X20CV2	
Product Catalog	NO_VIEW	NO VIEW
Modelcode01	MCD60108BT5S1X20CV2	
Calculated Gross Weight [kg]	6.1	
Calculated Net Weight [kg]	5.5	

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PRODUCT DETAILS

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

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.


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

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

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Accessories



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 [🔗](#)

ProfiNet option, NIC52 version GF

Spare Parts



175G0136 [🔗](#)

Control Card for 230V ctr. Frame S1

Boards sent as spare parts are not loaded with firmware. After replacing the motor control board and/or user interface board,load firmware into the soft starter.

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

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Spare Parts



175G0153 [🔗](#)

Fan Replacement Kit for small starters

Models MCD6-0042B ~ MCD6-0129B require a fan



175G0156 [🔗](#)

Sparepart Bypass Contactor Kit 86-129A

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



175G0139 [🔗](#)

Motor Control Kit for small T5 starter

Motor Control Kit for Frame size S1, 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.



175G0147 [🔗](#)

Replacement SCR Kit 0086B-0108B starter

Each kit contains 1 SCR. MCD600 soft starters requires 3 SCRs 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 Month

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.



130R1134 [🔗](#)

DrivePro ExWarr Work Shop PG04 48 Month

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



130R1135 [🔗](#)

DrivePro ExWarr Work Shop PG04 54 Month

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

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130R1137 [🔗](#)

DrivePro ExWarr Work Shop PG04 66 Month

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 Month

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

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130R1136 [🔗](#)

DrivePro ExWarr Work Shop PG04 60 Month

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

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130R1130 [🔗](#)

DrivePro ExWarr Work Shop PG04 24 Month

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130R1132 [🔗](#)

DrivePro ExWarr Work Shop PG04 36 Month

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



130R1133 [🔗](#)

DrivePro ExWarr Work Shop PG04 42 Month

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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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130R1032 [🔗](#)

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130R1035 [🔗](#)

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Services

**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**

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

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Services

**136G8768** [🔗](#)**MCD60108BT5S1X20CV2**

MCD60108BT5S1X20CV2

VLT® Soft Starter MCD 600

With Int. Bypass Contactor

108 A, Three phase 200-525 V AC

Frame size 1, IP20

Control Voltage: 110~120 VAC or 220~240 VAC

Other options according to Model code

Model code: MCD60108BT5S1X20CV2

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.

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Services

**136Z4334** **MCD61250BT7S3X00CV2**

MCD61250BT7S3X00CV2

VLT® Soft Starter MCD 600

With Int. Bypass Contactor

1250 A, Three phase 380-690 V AC

Frame size 3, IP00

Control Voltage: 110~120 VAC or 220~240 VAC

Other options according to Model code

Model code: MCD61250BT7S3X00CV2

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.

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

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