



136G7367

MCD60042BT7S1X20CV2

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Customer Service Center

MCD60042BT7S1X20CV2

MCD60042BT7S1X20CV2
 VLT® Soft Starter MCD 600
 With Int. Bypass Contactor
 42 A, Three phase 380-690 V AC
 Frame size 1, IP20
 Control Voltage: 110~120 VAC or 220~240 VAC
 Other options according to Model code

Model code: MCD60042BT7S1X20CV2

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	5.7 kg	
Net weight	4.9 kg	
Volume	17.589 l	
EAN	5710108638528	
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	0042	42 A
Bypass	B	With Int. Bypass Contactor
Phase	T	Three phase
Mains Voltage	7	Three phase 380-690 V AC
Enclosure	S1	Frame size 1
Performance	X	Reserved

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PRODUCT DETAILS

IP Rating	20	IP20
Control Voltage	CV2	110~120 VAC or 220~240 VAC
Typecode Part 1		MCD60042BT7S1X20CV2
Product Catalog	GLBL	Global (Standard)
Modelcode01		MCD60042BT7S1X20CV2
Calculated Gross Weight [kg]		5.4
Calculated Net Weight [kg]		4.8
Material Gross Weight		5.7
Material Net Weight		4.9
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.

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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

**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.

**175G0153** **Fan Replacement Kit for small starters**

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

**175G0155** **Sparepart Bypass Contactor Kit 20-69A**

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

**175G0145** **Replacement SCR Kit 0034B-0042B starter**

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

**175G0141** **Motor Control Kit for small T7 starter**

Motor Control Kit for Frame size S1, Mains Voltage T7 (380-690V). Boards sent as spare parts are not loaded with firmware. After replacing Control Card, load firmware into the soft starter.

**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

**130R1121** **DrivePro ExWarr Work Shop PG03 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

**130R1120** [🔗](#)**DrivePro ExWarr Work Shop PG03 24 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.

**130R1122** [🔗](#)**DrivePro ExWarr Work Shop PG03 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.

**130R1123** [🔗](#)**DrivePro ExWarr Work Shop PG03 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.

**130R1126** [🔗](#)**DrivePro ExWarr Work Shop PG03 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.

**130R1125** [🔗](#)**DrivePro ExWarr Work Shop PG03 54 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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**130R1124** [🔗](#)**DrivePro ExWarr Work Shop PG03 48 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

**130R1127** [🔗](#)**DrivePro ExWarr Work Shop PG03 66 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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**130R1128** [🔗](#)**DrivePro ExWarr Work Shop PG03 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.

**130R1024** [🔗](#)**DrivePro ExWarr Onsite PG03 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.

**130R1025** [🔗](#)**DrivePro ExWarr Onsite PG03 54 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.

**130R1020** [🔗](#)**DrivePro ExWarr Onsite PG03 24 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.

**130R1022** [🔗](#)**DrivePro ExWarr Onsite PG03 36 months**

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

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Services

**130R1021** [🔗](#)**DrivePro ExWarr Onsite PG03 30 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.

**130R1027** [🔗](#)**DrivePro ExWarr Onsite PG03 66 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.

**130R1026** [🔗](#)**DrivePro ExWarr Onsite PG03 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.

**130R1028** [🔗](#)**DrivePro ExWarr Onsite PG03 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.

**130R1023** [🔗](#)**DrivePro ExWarr Onsite PG03 42 months**

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

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