

**136G7340****MCD60129BT5S1X20CV1**

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VLT® Soft Starter MCD 600

With Int. Bypass Contactor

129 A, Three phase 200-525 V AC

Frame size 1, IP20

Control Voltage: 24 VAC/VDC

Other options according to Model code

Model code: MCD60129BT5S1X20CV1

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		6.3 kg
Net weight		5.5 kg
Volume		17.589 l
EAN		5710108638337
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	0129	129 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	CV1	24 VAC/VDC
Typecode Part 1		MCD60129BT5S1X20CV1

PRODUCT DETAILS

Product Catalog	NO_VIEW	NO VIEW
Modelcode01		MCD60129BT5S1X20CV1
Calculated Gross Weight [kg]		6.1
Calculated Net Weight [kg]		5.5
Material Gross Weight		6.3
Material Net Weight		5.5
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.

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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.

**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**

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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

**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.

**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.

**175G0148** [🔗](#)**Replacement SCR Kit for 0129B 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 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**

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

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

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

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

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

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Services



130R1132 [🔗](#)

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130R1133 [🔗](#)

DrivePro ExWarr Work Shop PG04 42 months

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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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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**

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

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