



### 136G8774 <sup>12</sup>

### MCD60144BT5S2X00CV2

MCD60144BT5S2X00CV2

MCD60144BT5S2X00CV2 VLT® Soft Starter MCD 600 With Int. Bypass Contactor 144 A, Three phase 200-525 V AC Frame size 2, IP00

Control Voltage: 110~120 VAC or 220~240 VAC Other options according to Model code

Model code: MCD60144BT5S2X00CV2

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		59.41	
EAN		5710108652746	
Sales restriction control			
Matr grp for sales restriction	0001	No grouping	
<b>VLT® SOFT STARTER MCD600 SE</b>	RIES		
Product View (Switch)	GLBL	Global (Standard)	
Product Group	MCD	MCD Soft Starter series	
MCD Series	6	600 Series	
Current Rating	0144	144 A	
Bypass	В	With Int. Bypass Contactor	
Phase	Т	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	CV2	110~120 VAC or 220~240 VAC	
Typecode Part 1		MCD60144BT5S2X00CV2	



### **PRODUCT DETAILS**

'	
	MCD60144BT5S2X00CV2
	13.5
	12.7
	14
	12.7
	B901
ERR01	Cannot Determine Vendor
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 2

### **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 🗷



#### **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 $^{\circ}$  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



# 175G0030 🗷

**Modbus TCP Option NIC52 version GF** 

Image coming

### 175G0031 @

**Ethernet IP option NIC52 version GF** 

## Image coming

## 175G0032 🗷

ProfiNet option, NIC52 version GF

### For more information, please use this link to visit the product page on Danfoss Product Store 🗷



### **Spare Parts**



### 175G0140 <sup>12</sup>

### **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 <sup>12</sup>

## Fan Replacement Kit for large starters

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



### 175G0149 12

### Replacement SCR Kit 0143-0193B starter

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



### 175G0137 🗷

### Control Card for 230V ctl. Frame S2

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.



## 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.

### For more information, please use this link to visit the product page on Danfoss Product Store





#### 130R1134 🖸

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#### 130R1135 🖸

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#### 130R1137 🖸

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## 130R1138 <sup>™</sup>

## DrivePro ExWarr Work Shop PG04 72 months

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## 130R1136 🗷

# DrivePro ExWarr Work Shop PG04 60 months

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### 130R1130 2

## DrivePro ExWarr Work Shop PG04 24 months

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#### 130R1132 🖸

### DrivePro ExWarr Work Shop PG04 36 months

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#### 130R1133 🖸

### DrivePro ExWarr Work Shop PG04 42 months

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#### 130R1034 P

#### 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 🗷

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### 130R1035 12

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#### 130R1030 🗷

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## 130R1038 🗷

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

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# 130R1036 🗷

### **DrivePro ExWarr Onsite PG04 60 months**

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## 130R1037 🗷

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144 A, Three phase 200-525 V AC
Frame size 2, IP00
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