ENGINEERING TOMORROW





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MCD60410BT5S2X00CV2 MCD60410BT5S2X00CV2

MCD60410BT552X00CV2 VLT® Soft Starter MCD 600 With Int. Bypass Contactor 410 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: MCD60410BT5S2X00CV2

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		16.8 kg
Net weight		15.5 kg
Volume		59.4
EAN		5710108652906
Sales restriction control		
Matr grp for sales restriction	0001	No grouping
VLT [®] SOFT STARTER MCD600 SE	RIES	
Product View (Switch)	GLBL	Global (Standard)
Product Group	MCD	MCD Soft Starter series
MCD Series	6	600 Series
Current Rating	0410	410 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	Х	Reserved
IP Rating	00	IP00
Control Voltage	CV2	110~120 VAC or 220~240 VAC
Typecode Part 1		MCD60410BT5S2X00CV2

Product Detail | MCD60410BT5S2X00CV2



PRODUCT DETAILS

Product Catalog	NO_VIEW	NOVIEW	
Modelcode01		MCD60410BT5S2X00CV2	
Calculated Gross Weight [kg]		16.3	
Calculated Net Weight [kg]		15.5	
Material Gross Weight		16.8	
Material Net Weight		15.5	
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 🖄

My	175G0186 MCD 600 Finger guards for 0144B-0579B Finger guards provide IP20 protection when used with cable of diameter 22 mm or greater.
	175G0131 C 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.
Į	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.

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



	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.
544 9339 934 939 9	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 I2 Modbus TCP Option NIC52 version GF
Image coming soon	175G0031 IZ Ethernet IP option NIC52 version GF
Image coming soon	175G0032 🗹 ProfiNet option, NIC52 version GF

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Spare Parts



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Sparepart Bypass Contactor Kit 287-410A

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

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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.



175G0143 🛛

Bypass DriverKit for large starters

Bypass DriverKit for S2 starters:Internally bypassed models MCD6-0287B ~ MCD6-0579B include a bypass driver board. Each soft starter requires 1 bypass driver board.



175G0151 🕑

Replacement SCR Kit for 0410B starter

Each phase arm kit contains 1 SCR. MCD600 soft starters requires 3 phase ark kits for a full replacement



175G0154 🕑

Fan Replacement Kit for large starters Models MCD6-0144B ~ MCD6-1250B require a fan



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.



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

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

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Services

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DrivePro ExWarr Work Shop PG05 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.



130R1141 🕑

DrivePro ExWarr Work Shop PG05 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.

130R1142 🛛

DrivePro ExWarr Work Shop PG05 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.



130R1144 🛽

DrivePro ExWarr Work Shop PG05 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.



130R1145 2

DrivePro ExWarr Work Shop PG05 54 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

 130R1143 ≥ DrivePro ExWarr Work Shop PG05 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.
130R1147 № DrivePro ExWarr Work Shop PG05 66 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.
130R1148 ☑ DrivePro ExWarr Work Shop PG05 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.
130R1146 ▷ DrivePro ExWarr Work Shop PG05 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.
130R1044 ☑ DrivePro ExWarr Onsite PG05 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.
130R1045 ☑ DrivePro ExWarr Onsite PG05 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.

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



 130R1042 ▷ DrivePro ExWarr Onsite PG05 36 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.
 130R1043 ▷ DrivePro ExWarr Onsite PG05 42 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.
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 130R1047 ☑ DrivePro ExWarr Onsite PG05 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.
130R1041 ▷DrivePro ExWarr Onsite PG05 30 monthsDrivePro® 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.
130R1040 ≥ DrivePro ExWarr Onsite PG05 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.

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Services



130R1046 2

DrivePro ExWarr Onsite PG05 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.



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MCD60527BT5S2X00CV2 MCD60527BT5S2X00CV2

MCD60527BT552X00CV2 VLT® Soft Starter MCD 600 With Int. Bypass Contactor 527 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: MCD60527BT5S2X00CV2

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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