

**135U3836****FC-302N315T5E20H2BGCXXXSXXXAXBXCXXXXDX**

Frekans Knavertörü

FC-302N315T5E20H2BGCXXXSXXXAXBXCXXXXDX

VLT® AutomationDrive FC-302

(N315) 315 KW / 450 HP, Trifaze

380 - 500 VAC, IP 20 / Şasi

RFI Sınıfı A2 (C3)

Fren kesici

Grafik Lokal Kontrol Panel

Kaplama PCB, Şebeke Seçeneği yok

Son sürüm std. yazılım

Kasa Boyutu: E3H

C1 opsiyonu yok, D seçeneği yok

A Seçeneği Yok, B Seçeneği Yok

Model Koduna göre diğer seçenekler

Model kodu: FC-302N315T5E20H2BGCXXXSXXXAXBXCXXXXDX

VLT® AutomationDrive, tüm standart veya servo makinelerde ya da üretim hatlarında tam kapsamlı operasyon kontrolü sunan tek bir sürücü konsepti oluşturur.

Verimlilik Verilerini Görüntüleme**PRODUCT DETAILS**

Brüt ağırlık		217 kg
Net ağırlık		187 kg
Hacim		0 l
EAN		5710108300920
VLT® AUTOMATIONDRIVE FC 300 SERIES		
Ürün Görünümü (Anahtar)	GLBL	Global (Standart)
Ürün Grubu	FC-	VLT® AutomationDrive FC-
Seri	302	302
Güç Değeri	N315	(N315) 315 KW / 450 HP
Faz	T	Trifaze
Şebeke Voltajı	5	380 - 500 VAC
Muhafaza	E20	IP 20 / Şasi
RFI Filtresi	H2	RFI Sınıfı A2 (C3)
Fren - Güvenli Duruş	B	Fren kesici
LCP	G	Grafik Lokal Kontrol Panel
Kaplama PCB	C	Kaplama PCB
Şebeke Opsiyonu	X	Şebeke Seçeneği yok
Uyarlama A	X	Standart Kablo Girişleri
Uyarlama B	X	Uyarlama yok
Yazılım Sürümü	SXXX	Son sürüm std. yazılım
Yazılım Dil Paketi	X	Standart Dil Paketi
A Opsiyonu	AX	A Seçeneği Yok
B Opsiyonu	BX	B Seçeneği Yok
C0 Opsiyonu MCO	CX	C0 seçeneği yok
C1 Opsiyonu	X	C1 opsiyonu yok

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Product Detail | FC-302N315T5E20H2BGCXXXSXXXAXBXCXXXDX

PRODUCT DETAILS

C Opsiyon Yazılımı	XX	Yazılım seçeneği yok
D Opsiyonu	DX	D seçeneği yok
Kasa Boyutu	E3H	E3H
Tür Kodu Parça 1		FC-302N315T5E20H2BGC
Tür Kodu Parça 2		XXXSXXXAXBXCXXXDX
Ürün Grubu	NO_VIEW	NO VIEW
Güç %150 (HO) [KW]		315
Güç %110 (NO) [KW]		355
Yükseklik [mm]		1578,0
C opsiyonu olm. genişlik [mm]		507,0
Derinlik [mm]		482,0
A/B opsiyonu ile Derinlik [mm]		482,0
kVA		416
Güç Kaybı NO [W]		6928
Güç Kaybı NO [W]		5910
Güç Kaybı HO [W]		6178
Güç Kaybı HO [W]		5322
Sürekli Akım (NO) [A]		658
Kesintili Akım (NO) [A]		724
Sürekli Akım (NO) [A]		590
Kesintili Akım (NO) [A]		649
Sürekli Akım (HO) [A]		600
Kesikli Akım (HO) [A]		900
Sürekli Akım (HO) [A]		540
Kesikli Akım (HO) [A]		810
Hesaplanan Brüt Ağırlık [kg]		272.3
Hes. Net Ağı. [kg]		272
ECCN EU		X.A.I.003
ECCN US		3A999
Satıcı	ERR01	Satıcı Belirlenmiyor
Modelkodu01		FC-302N315T5E20H2BGC
Modelkodu02		XXXSXXXAXBXCXXXDX

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

Aksesuarlar

**130B7635** [🔗](#)**VLT® Lift Controller MCO 361**

Kaldırma uygulamasına yönelik özel yazılım içeren VLT® Motion Control MCO 305

**130B7145** [🔗](#)**VLT® SALT Controller MCO 360**

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

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Aksesuarlar

**130B5646** **VLT® EtherCAT MCA 124, kaplamalı**

MCA 124 Ethercat option painted The VLT® EtherCat MCA 124 option enables Connection to EtherCat-based networks via the EtherCat protocol.

The option allows an EtherCat connection with full Speed and a connection to the frequency converter with a time interval of 4 ms in both Directions. This enables the MCA124 to be used in Networks from low-power applications to Servo applications.

- EoE EtherNet over EtherCat support
- HTTP (Hypertext Transfer Protocol) for diagnosis via integrated web server
- SMTP (Single Mail Transfer Protocol) for email notification
- TCP / IP for easy access to frequency converters Configuration data via MCT 10

**130B1235** **VLT® PROFINET MCA 120, kaplamalı**

MCA 120 PROFINET interface

With reinforced coating (class 3C3 / IEC 60721-3-3)

- Supports operation on PROFINET network with extensive characteristics
- DCP support for easy setting u. Communication parameters via the PLC
- on Board web-Page with Drive Status
- parameterization with the MCT10 software
- 2-port version, reduced external hardware

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Aksesuarlar

**130B1234** **VLT® Motion Control MCO 305, kaplamalı**

Integrated and programmable motion controller for VLT® AutomationDrive FC 301 and FC 302

- Adds additional functionality and flexibility as it is a freely programmable module
- Optimized for all types of positioning and synchronization applications
- Make your own program specially adapted to your application

Contains:

- synchronization (electronic shaft), positioning and electronic cam control
- 2 inputs support both stepwise and absolute encoders
- 1 encoder output (virtual master function)

10 digital inputs

- 8 digital outputs

- Sends and receives data via fieldbus interface (requires fieldbus option)

- PC software for programming and commissioning

Remember to order the Mounting kit if the above MCO option is required retrofitted.

130B7530 - Mounting kit for enclosures A2 and A3

130B7531 - Mounting kit for MCO Option,
together with MCB 113, in enclosures A2 and A3

130B1413 - Mounting kit for enclosure B3

130B1414 - Mounting kit for MCO Option,
together with MCB 113, in enclosure B3

130B7532 - Mounting kit for enclosure A5

130B7533 - Mounting kit for all enclosures B, C, D, E and F (B3
excepted)

Danfoss MCO options are not sold without prior advice.

Danfoss can offer help with programming / setting up MCO options.

Contact Danfoss for advice and prices.

Product group: R

**130B1245** **VLT® PROFIBUS Converter MCA113, kaplamalı**

Ensures easy and quick replacement of VLT®3000 to VLT® AutomationDrive

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VLT® 3000 can then be replaced by VLT® AutomationDrive or

- the system Can be expanded without costly changes to the PLC program
- Flexible investment as it is easy to remove and replace option when upgrading to another fieldbus

Product group: R1

**130B1227** **VLT® Resolver Input MCB 103, kaplamalı**

Resolver extension for FC 300. Enables the connection of the following

Resolver types:

Input voltage: 4..8 Vrms

Input frequency: 2.5..15 kHz

Number of resolver poles: 2 or 4

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Aksesuarlar

**130B1220****VLT® Safe PLC I/O MCB 108, kaplamalı**

Increases security and helps you meet requirement security levels

- VLT® AutomationDrive FC 302 has a safety input based on a single pole 24 V DC input

- Security in a cost-effective way

Possibility of connection to two conductor safety system

Possibility to interrupt on the plus or minus side without disturbing the sensor signal

**130B1219****VLT® EtherNet IP MCA 121, kaplamalı**

EtherNet/IP; ticari kullanıma hazır Ethernet'i, DeviceNet'te bulunan aynı üst katman protokolü ve nesne modeli olan Ortak Endüstriyel Protokole (CIP™) genişletir. Hat topolojisi sağlayan ve harici anahtar ihtiyacını ortadan kaldıran dahili yüksek performanslı anahtar. Daha yüksek sistem kullanılabilirliği için Aygıt Düzeyinde Halka (DLR) topolojisi. CIP™ temelinde, DeviceNet'ten EtherNet/IP'ye geçiş sırasında PLC programının tekrar kullanılmasını mümkün kılar. Dahili web sunucusu uzaktan arıza tespiti ve temel sürücü parametrelerini okuma olanağı sağlar. E-posta bildirimi, uyarı veya alarm bilgilerine hızlı erişim sağlar. Gelişmiş ağ kullanımı için Tek Noktaya Yayın ve Çok Noktaya Yayın iletişimi. En yeni standarda uyum konusunda ODVA onaylı.

**130B1264****VLT® Extended Relay Card MCB 113, kplımlı**

Daha fazla esneklik için 7 dijital giriş ve 2 analog çıkış ekler. 4 SPDT röle. NAMUR tavsiyelerine uygundur. Galvanik izolasyon olanağı.

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Aksesuarlar

**130B1253****VLT® Position Controller MCO 351, kplımlı**

Extends the functional characteristics of the frequency converter in positioning applications

- Direct positioning via fieldbus, relative positioning, absolute positioning and touch probe positioning
- End stop handling (software and hardware)
- Mechanical brake handling (programmable hold delay)

Error handling

- Jog speed / manual operation
- None for programming, as it is pre-programmed

Remember to order the Mounting kit if the above MCO option is required retrofitted.

130B7530 - Mounting kit for enclosures A2 and A3

130B7531 - Mounting kit for MCO Option, together with MCB 113, in enclosures A2 and A3

130B1413 - Mounting kit for enclosure B3

130B1414 - Mounting kit for MCO Option, together with MCB 113, in enclosure B3

130B7532 - Mounting kit for enclosure A5

130B7533 - Mounting kit for all enclosures B, C, D, E and F (B3 excepted)

Danfoss MCO options are not sold without prior advice.

Danfoss can offer help with programming / setting up MCO options.

Contact Danfoss for advice and prices.

Product group: R

**130B1252****VLT® Synchronizing Ctrl. MCO 350, kplımlı**

MCO 350 - synchronous controller

Based on the MCO 305 prefabricated controller for Synchronization tasks. The adjustment takes place through parameter settings. Specific Programming skills are not required.

- 2 encoder inputs, both for incremental as well as absolute encoder
- 1 encoder output (virtual master function)
- 10 additional digital inputs
- 8 additional digital outputs
- fieldbus Communication (requires fieldbus card) with reinforced coating

**130B1246****MCA101 Profibus Option DP V0/V1 FC300**

VLT® AutomationDrive'da VLT® 5000 komutlarını emüle eden özel bir PROFIBUS opsiyonları versiyonu.

VLT® 5000, VLT® AutomationDrive ile değiştirilebilir ya da PLC programında masraflı değişiklik yapmadan mevcut bir sistem genişletilebilir. Farklı bir haberleşmeye yükseltme için, kurulu olan konvertör kolayca çıkarılır ve yeni bir opsiyonla değiştirilir. Bu, esnekliğin azalmasına yol açmadan yatırımı korur. Opsiyon, DPV1'i destekler.

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Aksesuarlar

**130B1196****VLT® Modbus TCP MCA 122**

MCA 122 Modbus TCP interface Complex compatibility tests make the perfect operation in Modbus TCP systems for sure.

- On Board web-Page with Drive Status
- Parameterization with MCT10 software
- 2 port version reduces effort for external hardware (switch, cables, etc.) and allows flexible bus topologies

**130B1172****VLT® Sensor Input Card MCB 114, kplasz**

Motordaki yatakların ve sargıların sıcaklığını izleyerek motoru aşırı ısınmaya karşı korur. 2 veya 3 telli PT100/PT1000 sensörler için üç adet otomatik algılamalı sensör girişi. Bir ek analog giriş 4-20 mA.

**130B1170****LCP Panel Montaj Kiti**

Kit; tespit elemanları ve conta içerir. LCP ve kablo içermez.

**130B1212****VLT® General Purpose I/O MCB 101, kplımlı**

MCB 101 - Advanced I / O option

Expands the number of freely programmable

Control inputs and outputs around the following I / Os:

- 3 digital inputs opto-decoupled 0 - 24 V.
 - 2 analog inputs 0 - 10 V.
 - 2 digital outputs NPN / PNP switchable 24 V
 - 1 analog output 0/4 - 20 mA
- with reinforced coating

**130B1210****VLT® Relay Option MCB 105, kaplamalı**

Relay extension for FC 100 and FC 300.

Extension with 3 additional load relays (changeover contacts), easy to retrofit thanks to modular technology.

Painted version for harsh environments, easy to retrofit thanks to modular technology.

Max. Load 240V AC (resistive): 2 A

Max. Load 240V AC (Cos Phi 0.4): 0.2 A

Max. Load 24V DC (ohmic): 1 A

Max. Load 24V DC (inductive): 0.1 A

**130B1208****VLT® 24V DC Supply MCB 107, kaplamalı**

Güç arızası sırasında kontrol bölümünü ve tüm kurulu opsiyonları çalışır durumda tutmak için harici bir DC beslemesi bağlayın. LCP'nin (parametre ayarı dahil) ve tüm kurulu opsiyonların şebeke bağlantısı olmadan tam olarak çalışmasını sağlar.

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Aksesuarlar

**130B1205****VLT® CAN Open MCA 105, kaplamalı**

CANopen interface for FC 300. Max. Baud rate 500 kBit / s. Support that DSP402 drive profile and PDO / SDO communication. Painted version for harsh environments. Easy to retrofit thanks to modular technology.

**130B1203****VLT® Encoder Input MCB 102, kaplamalı**

Çeşitli tiplerde artımlı ve mutlak enkoderleri bağlama imkanı sağlar. Bağlı enkoder, kapalı çevrim hız kontrolünün yanı sıra kapalı çevrim motor akısı kontrolü için kullanılabilir.

**130B1202****VLT® DeviceNet MCA 104, kaplamalı**

MCA 104 - DeviceNet interface Option for FC300 and FC100 for mounting on the control card. Painted version

**130B1200****VLT® Profibus DP V1 MCA 101, kaplamalı**

Geniş çaplı uyumluluk, yüksek düzeyde kullanılabilirlik, tüm büyük PLC sağlayıcıları için destek ve gelecekteki versiyonlarla uyumluluk sağlar. Hızlı, verimli iletişim, şeffaf kurulum, gelişmiş arıza bulma ve parametrelendirme ile GSD dosyası kullanarak süreç verilerinin otomatik konfigürasyonu. PROFIBUS DP-V1, -PROFIdrive veya Danfoss FC profili durum makineleri, PROFIBUS DP-V1, Master Sınıf 1 ve 2 kullanarak çevrimsiz parametrelendirme.

**130B1387****MCB107 Extern 24VDC Option FC300****130B1386****VLT® Profibus DP V1 MCA 101, kpl., 5 adt****130B1385****VLT® Profibus DP V1 MCA101, kplmsz 5 adt****130B1272****VLT® Sensor Input Card MCB114, kaplamalı**

MCB 114 - PT100 / PT1000 option
For FC100-FC200 and FC302 (painted version)
Enables the evaluation of up to 3 PT 100 or 3 PT 1000 sensors
- Connection of 2 and 3 wire sensors
- Automatic detection of the sensor type
- Additional 4-20mA input

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

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Aksesuarlar

**130B1296****VLT® Modbus TCP MCA 122, kaplamalı**

Otomasyona yönelik ilk endüstriyel Ethernet tabanlı protokol. Modbus-TCP tabanlı ağlara bağlanır. Bağlantı aralığını her iki yönde 5 ms'ye kadar düşürebilmesi sayesinde, piyasadaki en hızlı çalışan Modbus TCP aygıtları arasında yer alır. Master yedekliliği için iki master arasında çalışırken değiştirebilme özelliği sunar.

**130B1164****VLT® Extended Relay Card MCB 113**

Daha fazla esneklik için 7 dijital giriş ve 2 analog çıkış ekler. 4 SPDT röle. NAMUR tavsiyelerine uygundur. Galvanik izolasyon olanağı.

**130B1135****VLT® PROFINET MCA 120, kaplamasız**

MCA 120 PROFINET interface

- Supports operation on PROFINET network with extensive properties
- DCP support for easy setting u. Communication parameters via the PLC
- On Board web-Page with Drive Status
- Parameterization with the MCT10 software
- 2 port version, reduced external hardware

**130B1134****VLT® Motion Control MCO 305, kaplamasız**

Integrated and programmable motion controller for VLT® AutomationDrive FC 301 and FC 302

- Adds additional functionality and flexibility as it is a freely programmable module
- Optimized for all types of positioning and synchronization applications
- Make your own program specially adapted to your application

Contains:

- synchronization (electronic shaft), positioning and electronic cam control
- 2 inputs support both stepwise and absolute encoders
- 1 encoder output (virtual master function)

10 digital inputs

8 digital outputs

- Sends and receives data via fieldbus interface (requires fieldbus Option)
- PC software for programming and commissioning.

Remember to order the Mounting kit if the above MCO option is required retrofitted.

130B7530 - Mounting kit for enclosures A2 and A3

130B7531 - Mounting kit for MCO Option, together with MCB 113, in enclosures A2 and A3.

130B1413 - Mounting kit for enclosure B3

130B1414 - Mounting kit for MCO Option, together with MCB 113, in enclosure B3

130B7532 - Mounting kit for enclosure A5

130B7533 - Mounting kit for all enclosures B, C, D, E and F (B3 excepted)

Danfoss MCO options are not sold without prior advice. Danfoss can offer help with programming / setting up MCO options. Contact Danfoss for advice and prices.

Product group: R

**130B1127****VLT® Resolver Input MCB 103, kaplamasız**

Motordan hız geri bildirimini sağlamak için bir çözümleyici bağlanmasına olanak verir. Yaylı bağlantı.

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Aksesuarlar

**130B1125** [🔗](#)**VLT® General Purpose I/O MCB 101, kplmsz**

MCB 101 - Advanced I / O option

Expands the number of freely programmable Control inputs and outputs around the following I / Os:

- 3 digital inputs opto-decoupled 0 - 24 V.
- 2 analog inputs 0 - 10 V.
- 2 digital outputs NPN / PNP switchable 24 V
- 1 analog output 0/4 - 20 mA

**130B1124** [🔗](#)**VLT® Control Panel LCP 101, nümerik**

Numerical control unit for FC 100 and FC 300. Allows access to all device parameters.

Quick menu for brief commissioning. Manual / auto switchover and alarm acknowledgment.

**130B1120** [🔗](#)**VLT® Safe PLC I/O MCB 108, kaplamasız**

Connection converter for FC 300 with control input for a safe stop. Allows secure connection.

Output modules with diagnostic pulse (Cross-circuit monitoring).

**130B1119** [🔗](#)**VLT® EtherNet/IP MCA 121, kaplamasız**

MCA 121 EtherNet / IP interface

- Allows connection to EtherNet / IP based Automation systems via CIP (CommonInterface Protocol)
- 2 port design reduces external components
- HTTP for diagnosis via built-in web server
- SMTP, DHCP and FTP protocols
- Prepared for parameterization with the MCT 10 software via TCP / IP
- Certified according to ODVA

**130B1117** [🔗](#)**LCP Montaj Kiti, LCP'siz**

Kit; tespit elemanları, 3 m kablo ve conta içerir. LCP içermez.

**130B1115** [🔗](#)**VLT® Encoder Input MCB 102, kaplamasız**

Çeşitli tiplerde artımlı ve mutlak enkoderleri bağlama imkanı sağlar. Bağlı enkoder, kapalı çevrim hız kontrolünün yanı sıra kapalı çevrim motor akışı kontrolü için kullanılabilir.

**130B1114** [🔗](#)**Nümerik LCP101 ile LCP Montaj Kiti, 3 m**

Kit; nümerik LCP, tespit elemanları, 3 m kablo ve conta içerir.

**130B1113** [🔗](#)**Grafik LCP102 ile LCP Montaj Kiti, 3 m**

Kit; grafik LCP, tespit elemanları, 3 m kablo ve conta içerir.

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Aksesuarlar

**130B1110****VLT® Relay Option MCB 105, kaplamasız**

Relay extension for FC 100 and FC 300. Extension with 3 additional load relays (changeover contacts), easy to retrofit thanks to modular technology.

Max. Load 240V AC (resistive): 2 A

Max. Load 240V AC (Cos Phi 0.4): 0.2 A

Max. Load 24V DC (ohmic): 1 A

Max. Load 24V DC (inductive): 0.1 A

**130B1153****VLT® Position Controller MCO351, kplmsz**

Extends the functional characteristics of the frequency converter in positioning applications

- Direct positioning via fieldbus, relative positioning, absolute positioning and touch probe positioning
- End stop handling (software and hardware)
- Mechanical brake handling (programmable hold delay)

Error handling

- Jog speed / manual operation
- None for programming, as it is pre-programmed

Remember to order the Mounting kit if the above MCO option is required retrofitted.

130B7530 - Mounting kit for enclosures A2 and A3

130B7531 - Mounting kit for MCO Option, together with MCB 113, in enclosures A2 and A3

130B1413 - Mounting kit for enclosure B3

130B1414 - Mounting kit for MCO Option, together with MCB 113, in enclosure B3

130B7532 - Mounting kit for enclosure A5

130B7533 - Mounting kit for all enclosures B, C, D, E and F (B3 excepted)

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Product group: R

**130B1152****VLT® Synchronizing Contr. MCO350, kplmsz**

Senkronizasyon uygulamalarında VLT® AutomationDrive'in işlev özelliklerini genişletir ve geleneksel mekanik çözümlerin yerini alır. Hız senkronizasyonu. İşaretçi düzeltmeli ya da düzeltmesiz konum (açı) senkronizasyonu. Çevrimiçi ayarlanabilir dişlioranı. Çevrimiçi ayarlanabilir konum (açı) ofseti. Birden fazla follower'in senkronizasyonu için sanal master işlevine sahip enkoder çıkışı. G/Ç'ler veya haberleşme üzerinden kontrol. Giriş işlevi. Sürücünün Lokal Kontrol Paneli aracılığıyla konfigürasyon olanağının yanı sıra durum ve veri okuma.

**130B1137****VLT® PTC Thermistor Card MCB 112, kplımlı**

ATEX: II (2) G [Ex eb Gb] [Ex db Gb] / II (2) D [Ex tb Db]

MCB 112 PTC - thermistor relay MS220DA In connection with ATEX certified explosion-proof motors for full motor protection. Certified PTC sensors are the sole protection required.

Integrable module with ATEX-compliant full thermal motor protection

- 1 PTB-certified PTC thermistor input
- 1 switch-off signal for using the Safe Stop function
- 1 logic output for error identification

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Aksesuarlar

**130B1077** [↗](#)**IP55/67 için Danfoss logolu LCP kör kpk.**

LCP Blindcover IP66

**130B1071** [↗](#)**6 Kutuplu Konektör, FC serisi, (10 adet)**

6-pole spring cage connectors 10 pcs

**130B1070** [↗](#)**RS485 fiş, FC serisi, (10 adet)**

10pcs RS485 connectors for FC-series.

Product group: R

**130B1108** [↗](#)**VLT® 24V DC Supply MCB 107, kaplamasız**

Güç arızası sırasında kontrol bölümünü ve tüm kurulu opsiyonları çalışır durumda tutmak için harici bir DC beslemesi bağlayın. LCP'nin (parametre ayarı dahil) ve tüm kurulu opsiyonların şebeke bağlantısı olmadan tam olarak çalışmasını sağlar.

**130B1107** [↗](#)**VLT® Control Panel LCP 102**

VLT Control Panel LCP 102

Düz metinli, aydınlatmalı grafik ekran.

Tüm dilleri ve metin karakterlerini destekler.

Kısa sürede devreye alma için hızlı menü.

Parametre grupları içim kaydetme ve kopyalama işlevi.

Tüm işlevler için çevrimiçi yardım.

**130B1103** [↗](#)**VLT® CAN Open MCA 105, kaplamasız**

Yüksek esneklik ve düşük maliyetler için standart işleme ve birlikte çalışabilirlik. Hem sürücünün kontrolüne ve durumuna yüksek öncelikli erişim (PDO İletişim) hem de çevrimsiz veriler (SDO İletişim) üzerinden tüm parametrelere erişim ile tam donanım. Birlikte çalışabilirlik için, opsiyon, DSP402 AC sürücü profiline uygulanmıştır.

**130B1102** [↗](#)**VLT® DeviceNet MCA 104, kaplamasız**

Gelişmiş Üretici/Tüketici teknolojisi sayesinde güvenli ve verimli veri işleme. ODVA'nın güçlü uygunluk testi ilkeleri, ürünlerin birlikte çalışabilmesini ve G/Ç örneği 20/70.21/71 tarafından desteklenen AC sürücü profili mevcut sistemlerle uyumluluğu sağlar.

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Aksesuarlar

**130B1100****VLT® Profibus DP V1 MCA 101**

Geniş çaplı uyumluluk, yüksek düzeyde kullanılabilirlik, tüm büyük PLC sağlayıcıları için destek ve gelecekteki versiyonlarla uyumluluk sağlar. Hızlı, verimli iletişim, şeffaf kurulum, gelişmiş arıza bulma ve parametrelendirme ile GSD dosyası kullanarak süreç verilerinin otomatik konfigürasyonu. PROFIBUS DP-V1, -PROFIdrive veya Danfoss FC profili durum makineleri, PROFIBUS DP-V1, Master Sınıf 1 ve 2 kullanarak çevrimsiz parametrelendirme.

**130B1088****IP20/21 için Danfoss logolu LCP kör kpk.****130B1490****VLT® POWERLINK MCA 123, kaplamalı**

Haberleşmenin ikinci neslini temsil eder. Otomasyon dünyasında kullanılan BT teknolojilerinin gücünün tamamını fabrika dünyasının kullanımına sunmak için endüstriyel Ethernet'in yüksek bit hızı artık kullanılabilir.

**175Z0929****LCP Kablosu, 3 m**

Cable for control panel (LCP), 3 meters

Works with the following LCP:

Alphanumeric control panel LCP3 - 175N0131

VLT® LCP 102 Graphic Display - 130B1107

VLT® LCP 101 Numeric Display - 130B1124

VLT® LCP 102 Graphic display IP66 - 130B1078

Product group: F1

Image
coming
soon

175U0009**Montaj braketi kiti, 216 x 30 x 18 mm**

Mounting angle for flatpack resistor 200W

**175N2584****VLT® EtherNet/IP MCA 121, kaplamalı**

Image
coming
soon

134B5225**Uzak LCP ünitesi, 10 m**

Remote mounting kit for LCP with cover for outdoor mounting with 10 m (33 ft) cable

Image
coming
soon

134B5224**Uzak LCP ünitesi, 5 m**

Remote mounting kit for LCP with cover for outdoor mounting with 5 m (16 ft) cable

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Aksesuarlar

**134B5223****Uzak Montaj Kiti LCP102, 3 m kablo ile**

Remote mounting kit for LCP with cover for outdoor mounting with 3 m (10 ft) cable

**134B0460****LCP 103 Wireless Communication Panel**

With VLT® Wireless Communication Panel LCP 103 you can communicate with MyDrive® Connect - an app that can be downloaded for iOS and Android based smartphones. MyDrive® Connect makes commissioning easy, monitor and maintain tasks on your frequency converter. VLT® Wireless Communication Panel LCP 103 shows the current status of the drive (On, Warning, Alarm, Wifi connection) via built-in LED. Detailed information is also available using MyDrive® Connect. Here do you have access to i.a. status, menu and alerts. You can also see graphs over the latest available data.

The new VLT® Wireless Communication Panel LCP 103 allows you to wireless communication to the following drives:

- VLT® HVAC Drive FC 102
- VLT® Refrigeration Drive FC 103
- VLT® AQUA Drive FC 202
- VLT® AutomationDrive FC 302

[!] Note!

LCP 103 only works on frequency converters produced in 2018 (White USB stik).

Product group: R1

Image
coming
soon

134B1992**Vida bağlantılı kontrol terminalleri****130B1266****VLT® MCB 115 Programlanab. G/Ç, kaplımlı**

VLT® MCB 115 programmable I / O, coated

**134B6544****Gerçek Zamanlı Saat Seçeneği D, kaplımlı**

Opsiyon yalnızca 90 kW'a kadar olan sürücülerde MKII kontrol kartları ile desteklenir ve çalışır.

**130B0295****Kontrol kartı girişli aksesuar çantası**

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176F6606**Kit Cooling Bottom In-Top Out 600mm E3h**

Kit Cooling Bottom In-Top Out 600mm E3h

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Image
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soon**176F6607** [🔗](#)**VLT® Kit Cooling B. In-T.Out 800mm E3h**
Kit Cooling Bottom In-Top Out 800mm E3hImage
coming
soon**176F6610** [🔗](#)**Kit Cooling Back In-Back Out E3h**Image
coming
soon**176F6612** [🔗](#)**Kit Cooling Bottom In-Back Out 600mm E3h**Image
coming
soon**176F6613** [🔗](#)**Kit Cooling Bottom In-Back Out 800mm E3h****176F6615** [🔗](#)**Kit Cooling Back In-Top Out E3h****176F6746** [🔗](#)**KIT, WIRE CLAMP, IP20, E3H**Image
coming
soon**130B4847** [🔗](#)**extension cable for lcp+communication****134B8814** [🔗](#)**VLT® PROFINET MCA120 coated 5pcs****134B8492** [🔗](#)**Transducer 0-10g, 4-20mA; HS-22B50****134B8493** [🔗](#)**Transducer 0-25mm/s RMS 4-20mA**
CBM Transducer 0-25mm/s RMS 4-20mA

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Aksesuarlar

**134B8494** [🔗](#)**Transducer w, temp 0-25mm/s RMS 4-20mA****134B8496** [🔗](#)**CABLE ASSY 10M, STRAIGHT SOCKET CONNETC.**Image
coming
soon**134B8497** [🔗](#)**Cable assy, M12 female connec.10m screen**Image
coming
soon**134B6883** [🔗](#)**VLT Progr. Contr. MCB 301, coated****134B9414** [🔗](#)**Antifreeze Thermostat FS20, 0/+15C**

TWO-PHASE FROST PROTECTION THERMOSTATS FS-20-UW

Electronic frost protection thermostat or frost monitor with switching relay output, continuous temperature and valve output (summation output 0–10 V) and control and cascading output (0–10 V), optionally with connection for a heating element. A IP65 resistant plastic housing with display with the actual temperature, measuring range, overrange/underrange of the set switch point (frost protection temperature) and alarm indicator for "frost" or "error" (capillary breakage, overvoltage/undervoltage), quick-locking screws and a fully active sensor rod made of copper. The delivery scope includes a set of MK-05-K mounting clamps for expert attachment of the sensor rod.

Measuring range: 0...+15 °C / 32...+59 °F

Accuracy: typical ± 1 K (at +10 °C)

Sensor type: 3m Copper rod active along the entire sensor length, min. response length of 25 cm

Input: 1 x 0 -10 V control input DDC & 1 x 0 -10 V cascading input

Output: 1 x 0 -10 V output temperature (corresponding to 0...+15 °C) & 1 x 0 -10 V output valve (frost signal with control voltage and cascading)

1 x potential-free changeover contact (24 V), range of adjustment 0...+15 °C

Current consumption: max. 100 mA at 24 V DC

Load resistance: $R_L > 50$ kOhm

Ambient temperature: -15...+50 °C / 5...+122 °F (Housing) & -20...+60 °C / -4...+140 °F Sensor and capillary tube > 20 cm from the housing.

Power: 24VAC/DC ($\pm 10\%$) 24DC <2,4W

T2-IP65 plastic housing with three-line display 70x40 mm (WxH), a M16 cable glands and MK-05-K mounting clamps.

Housing dimensions: 126 x 90 x 50 mm / 4.96 x 3.54 x 1.97 in

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Aksesuarlar

**134B9413** **Airflow Sensor KLQ CO2 & Air Quality**

DUCT AIR QUALITY (VOC) AND CO2 SENSOR KLQ-CO2-MB

Maintenance-free duct sensor covering air quality (VOC 0...100 %), carbon dioxide (CO2 0...5000 ppm) and atmospheric pressure (hPa). The air quality is detected by a VOC sensor (mixed gas sensor for volatile organic substances) and include an automatic calibration. It determines the loading of the room air due to contaminated gases such as cigarette smoke, body perspiration, exhaled breathing air, solvent vapors, emissions etc. The air contamination can be selected into different sensitivity ranges as low, medium or high. The CO2 measurement is performed using an optical NDIR sensor (non-dispersive infra-red technology), and the detection range is calibrated for standard applications such as monitoring residential rooms and conference rooms. A microprocessor-controlled solution with factory sensor calibration, Modbus RTU connection in a resistant IP65 plastic housing with mounting flange, quick-locking screws and two M16 cable gland for cable connection. International SI units (default) can be changed to imperial (via Modbus).

VOC Sensor: Volatile Organic Compounds sensor (metal oxide) with automatic calibration

VOC measuring range: 0...100 % air quality; referred to calibrating gas & selection of VOC sensitivities (low/medium/high)

VOC measuring accuracy: typical ± 20 % of final value (referred to calibrating gas)

CO2 Sensor: optical NDIR sensor (non-dispersive infra-red technology) including atmospheric pressure compensation (up to 1100 mbar) with manual or automatic calibration

CO2 measuring range: 0...5000 ppm

CO2 measuring accuracy: typical ± 30 ppm (± 3 % of measured value) & temperature dependence: ± 5 ppm pro $^{\circ}\text{C}$ or $\pm 0,5$ % of measured value pro $^{\circ}\text{C}$ (whichever is higher) & pressure dependence: ± 0.13 % per mm Hg

Medium: clean air and non-aggressive, non-combustible gases

Power: 24VAC/DC ($\pm 10\%$) 24DC $<1,6\text{W}$

Operation temperature: $-10...+60$ $^{\circ}\text{C}$ / $14...+140$ $^{\circ}\text{F}$

T2-IP65 plastic housing two M20 cable glands

Housing dimensions: 126 x 90 x 50 mm / 4.96 x 3.54 x 1.97 in

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Aksesuarlar

**134B9412** [🔗](#)**Airflow Sensor TF65 PT1000 Temperature**

DUCT TEMPERATURE SENSOR TF 65

The TF 65 temperature measuring transducer is a PT1000 class B resistance sensor with passive output. Measuring range from $-30...+150^{\circ}\text{C}$. In a resistant IP67 plastic housing and M16 cable gland for cable connection and a straight protective measuring tube and a mounting flange.

Sensor type: PT1000 class B (DIN EN 60751) 1000ohm at $0^{\circ}\text{C} \pm 0,3\text{ K}$ Measuring range: $-30...+150^{\circ}\text{C} / -22...+302^{\circ}\text{F}$ Ambient temperature: $-20...+100^{\circ}\text{C} / -4...+212^{\circ}\text{F}$ Testing current: $< 0.6\text{ mA}$ Insulating resistance: 100 M#, at $+20^{\circ}\text{C}$ (500V DC)

Connection type: 2-wire connection

Measuring tube: stainless steel, V4A (1.4571), $\varnothing 6\text{ mm}$, inserted length = 300 mm / 11.8 in

T1-IP67 plastic housing with a M16 cable glands and a mounting flange.

Housing dimensions: 72 x 64 x 37.8 mm / 2.83 x 2.52 x 1.49 in

**134B9411** [🔗](#)**Wall Sensor AFTF Temp & Humidity**

ON-WALL- HUMIDITY- AND TEMPERATURE SENSORS AFTF-MB

Calibratable outside humidity and temperature sensor AFTF, detect the relative humidity (0...100% RH) and the temperature ($-35...+80^{\circ}\text{C}$), including various parameters in the humidity measurement. Applied in clean air and non-aggressive, dust-free environment. With a Modbus connection in a resistant IP65 plastic housing and M20 cable gland for cable connection, with quick-locking screws and an exchangeable plastic sinter filter. International SI units (default) can be changed to imperial (via Modbus).

Measuring range: 0...100 % RH (humidity) / $-35...+80^{\circ}\text{C}$ (temperature)

Medium: clean air and non-aggressive, non-combustible gases

Deviation, humidity: typical $\pm 2.0\%$ (20...80 % RH) at $+25^{\circ}\text{C}$, otherwise $\pm 3.0\%$ Deviation, temperature: typical $\pm 0.4\text{ K}$ at $+25^{\circ}\text{C} / \pm 77^{\circ}\text{F}$ Zero point offset: $\pm 10\%$ RH (humidity) / $\pm 5^{\circ}\text{C}$ (temperature)Power: 24VAC ($\pm 20\%$) / 15...36VDC - 24DC $< 1,2\text{W}$ Operation temperature: $-30...+70^{\circ}\text{C} / -22...+158^{\circ}\text{F}$

T3-IP65 plastic housing with two M20 cable glands

Housing dimensions: 108 x 78.5 x 43.3 mm / 4.25 x 3.1 x 1.7 in

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**134B9410****Wall Sensor ATM2 Temperature**

OUTSIDE / WET ROOM TEMPERATURE SENSOR ATM2-MB

Calibratable outside temperature sensor ATM2, PT1000 measure temperature (-50...+150 °C), with Modbus RTU connection, in a resistant IP65 plastic housing with quick-locking screws and M20 cable gland for cable connection. International SI units (default) can be changed to imperial (via Modbus).

Sensor type: PT1000 class B (DIN EN 60751)

Measuring range: - 50...+150°C / -31... +176°F

Deviation: typical ± 0.2 K at +25 °C / ± 77 °F

Zero point offset: ± 10 °C / ± 50 °F

Ambient temperature: Measuring transducer -30...+70 °C / -22... +158°F

Medium: clean air and non-aggressive, non-combustible gases

Power: 24VAC (± 20%) / 15...36VDC - 24DC <1,2W

Operation temperature: -30...+70 °C / -22...+158 °F

T3-IP65 plastic housing with two M20 cable glands

Housing dimensions: 108 x 78.5 x 43.3 mm / 4.25 x 3.1 x 1.7 in

Image
coming
soon**134B9409****Airflow Sensor 8147 Temp&Humidity&7000Pa**

DUCT HUMIDITY-, TEMPERATURE- AND PRESSURE SENSORS ±7000PA-MB

Maintenance-free duct sensor covering humidity, temperature and pressure in one transducer. Microprocessor-controlled with Modbus RTU connection in a resistant IP65 plastic housing with quick-locking screws and M16 cable gland for cable connection. Including mounting flange to detect the relative humidity (0...100% RH) and the temperature (-35...+80 °C) inside a tube, with an exchangeable plastic sinter filter. A differential air pressure (max. ± 7000 Pa) with connection nozzles for pressure hose (Ø 6 mm). The duct sensor is applied in a non-aggressive and dust-free environment and is suitable for installation in ceilings, ducts and devices. International SI units (default) can be switched to Imperial (via Modbus).

Measuring range: 0...100 % RH (humidity) / - 35...+80°C / -31... +176°F (temperature)

Medium: clean air and non-aggressive, non-combustible gases

Deviation, humidity: typical ± 2.0 % (20...80 % RH) at +25°C/+77°F , otherwise ± 3.0 %

Deviation, temperature: typical ± 0.2 K at +25 °C / ± 0.4 °F at +77 °F

Pressure range: ± 7000 Pa

Accuracy: 7000 Pa/28 inWC: typical ± 105 Pa at +25 °C / ± 0.12 inWC at +77 °F

Above- # below-pressure: max. ± 50 kPa

Power: 24VAC (± 20%) / 15...36VDC - 24DC <0,2W

Operation temperature: -30...+70 °C / -22...+158 °F

Media temperature -20...+50 °C / -4...+122 °F IP65 plastic housing two

M16 cable glands

Housing dimensions: 126 x 90 x 50 mm / 4.96 x 3.54 x 1.97 in

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Aksesuarlar

Image
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soon**134B9408****Airflow Sensor 8148 Temp&Humidity&500Pa**

DUCT HUMIDITY-, TEMPERATURE- AND PRESSURE SENSORS ± 500 PA-MB
Maintenance-free duct sensor covering humidity, temperature and pressure in one transducer. Microprocessor-controlled with Modbus RTU connection in a resistant IP65 plastic housing with quick-locking screws and M16 cable gland for cable connection. Including mounting flange to detect the relative humidity (0...100% RH) and the temperature ($-35...+80$ °C) inside a tube, with an exchangeable plastic sinter filter. A differential air pressure (max. ± 500 Pa) with connection nozzles for pressure hose ($\varnothing 6$ mm). The duct sensor is applied in a non-aggressive and dust-free environment and is suitable for installation in ceilings, ducts and devices. International SI units (default) can be switched to Imperial (via Modbus).

Measuring range: 0...100 % RH (humidity) / $-35...+80$ °C / $-31...+176$ °F (temperature)

Medium: clean air and non-aggressive, non-combustible gases

Deviation, humidity: typical ± 2.0 % (20...80 % RH) at $+25$ °C/ $+77$ °F, otherwise ± 3.0 %

Deviation, temperature: typical ± 0.2 K at $+25$ °C / ± 0.4 °F at $+77$ °F

Pressure range: ± 500 Pa

Accuracy: 500 Pa/2.0 inWC: typical ± 13 Pa at $+25$ °C / ± 0.05 inWC at $+77$ °F

Above- # below-pressure: max. ± 50 kPa

Power: 24VAC (± 20 %) / 15...36VDC - 24DC $<0,2$ W

Operation temperature: $-30...+70$ °C / $-22...+158$ °F

Media temperature $-20...+50$ °C / $-4...+122$ °F IP65 plastic housing two M16 cable glands

Housing dimensions: 126 x 90 x 50 mm / 4.96 x 3.54 x 1.97 in

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**134B9407****Airflow Sensor KFTF Temp & Humidity**

DUCT HUMIDITY- AND TEMPERATURE SENSORS KFTF-MB

Calibratable duct humidity and temperature sensor KFTF-T3 ($\pm 2.0\%$) with Modbus RTU connection, in a resistant IP65 plastic housing with quick-locking screws and M16 cable gland for cable connection and a plastic sinter filter (exchangeable). Including mounting flange to detect the relative humidity (0...100% RH) and the temperature ($-35...+80\text{ }^{\circ}\text{C}$) inside a tube, including various parameters in the humidity measurement. The duct sensor is applied in a non-aggressive and dust-free environment and is suitable for installation in ceilings, ducts and devices.

International SI units (default) can be switched to Imperial (via Modbus).

Measuring range: 0...100 % RH (humidity) / $-35...+80\text{ }^{\circ}\text{C}$ (temperature)

Medium: clean air and non-aggressive, non-combustible gases

Deviation, humidity: typical $\pm 2.0\%$ (20...80 % RH) at $+25\text{ }^{\circ}\text{C}$, otherwise $\pm 3.0\%$

Deviation, temperature: typical $\pm 0.2\text{ K}$ at $+25\text{ }^{\circ}\text{C}$

Zero point offset: $\pm 10\%$ RH (humidity) / $\pm 5\text{ }^{\circ}\text{C}$ (temperature)

Power: 24VAC ($\pm 20\%$) / 15...36VDC - 24DC $<1,2\text{ W}$

Operation temperature: $-30...+70\text{ }^{\circ}\text{C}$ / $-22...+158\text{ }^{\circ}\text{F}$

T3-IP65 plastic housing with two M20 cable glands

Housing dimensions: 108 x 78.5 x 43.3 mm / 4.25 x 3.1 x 1.7 in

**134B9406****Pressure Sensor 7227 2x7000Pa, Analog**

DUAL AIR PRESSURE SENSOR $\pm 7000\text{ Pa}$ & $\pm 7000\text{ Pa}$, ANALOGUE

Dual pressure transmitter with 2x8 switchable measuring ranges and 2 automated analogue output signals in a resistant IP65 plastic housing with quick-locking screws, connection nozzles for pressure hose ($\varnothing 6\text{ mm}$) and a M16 cable gland for cable connection. The pressure measuring transducer automatically detects the required output type and converts the measurands into the required standard signal of 0-10 V or 4...20 mA.

Pressure range selection: $\pm 7000\text{ Pa}$ - 0...1000Pa / 2000Pa / 3000Pa / 5000Pa / 7000Pa

Accuracy: 7000 Pa typical $\pm 105\text{ Pa}$

Zero point offset: $\pm 10\%$ of measuring range

Above- # below-pressure: max. $\pm 50\text{ kPa}$

Power: 24VAC/DC ($\pm 10\%$) $<1,3\text{ W}$,

Output: automatically switching 0 -10 V # 4...20 mA

Working resistance: R_a (ohms) = 25...450 Ohm (at I output)

Load resistance: $R_L > 15\text{ kOhm}$ (at U output)

Operation / Media temperature: $-20...+50\text{ }^{\circ}\text{C}$ / $-4...+122\text{ }^{\circ}\text{F}$

T2-IP65 plastic housing with one M16 cable gland

Housing dimensions: 126 x 90 x 50 mm / 4.96 x 3.54 x 1.97 in

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Aksesuarlar

**134B9405****Pressure Sensor 7229 500/7000Pa, Analog**DUAL AIR PRESSURE SENSOR $\pm 500\text{Pa}$ & $\pm 7000\text{Pa}$, ANALOGUE

Dual pressure transmitter with 2x8 switchable measuring ranges and 2 automated analogue output signals in a resistant IP65 plastic housing with quick-locking screws, connection nozzles for pressure hose ($\varnothing 6\text{ mm}$) and a M16 cable gland for cable connection. The pressure measuring transducer automatically detects the required output type and converts the measurands into the required standard signal of 0–10 V or 4...20 mA. Pressure range selection: $\pm 500\text{ Pa} - 0...100\text{Pa} / 200\text{Pa} / 300\text{Pa} / 500\text{Pa}$ Pressure range selection: $\pm 7000\text{ Pa} - 0...1000\text{Pa} / 2000\text{Pa} / 3000\text{Pa} / 5000\text{Pa} / 7000\text{Pa}$

Accuracy: 500 Pa typical $\pm 13\text{ Pa}$ Accuracy: 7000 Pa typical $\pm 105\text{ Pa}$ Zero point offset: $\pm 10\%$ of measuring rangeAbove- # below-pressure: max. $\pm 50\text{ kPa}$ Power: 24VAC/DC ($\pm 10\%$) $< 1,3\text{W}$,

Output: automatically switching 0 -10 V # 4...20 mA

Working resistance: R_a (ohms) = 25...450 Ohm (at I output)Load resistance: $R_L > 15\text{ kOhm}$ (at U output)Operation / Media temperature: $-20...+50\text{ }^\circ\text{C} / -4...+122\text{ }^\circ\text{F}$

T2-IP65 plastic housing with one M16 cable gland

Housing dimensions: 126 x 90 x 50 mm / 4.96 x 3.54 x 1.97 in

**134B9404****Pressure Sensor 7225 2x500Pa, Analog**DUAL AIR PRESSURE SENSOR $\pm 500\text{Pa}$ & $\pm 500\text{Pa}$, ANALOGUE

Dual pressure transmitter with 2x8 switchable measuring ranges and 2 automated analogue output signals in a resistant IP65 plastic housing with quick-locking screws, connection nozzles for pressure hose ($\varnothing 6\text{ mm}$) and a M16 cable gland for cable connection. The pressure measuring transducer automatically detects the required output type and converts the measurands into the required standard signal of 0–10 V or 4...20 mA. Pressure range selection: $\pm 500\text{ Pa} - 0...100\text{Pa} / 200\text{Pa} / 300\text{Pa} / 500\text{Pa}$

Accuracy: 500 Pa typical $\pm 13\text{ Pa}$ Zero point offset: $\pm 10\%$ of measuring rangeAbove- # below-pressure: max. $\pm 50\text{ kPa}$ Power: 24VAC/DC ($\pm 10\%$) $< 1,3\text{W}$,

Output: automatically switching 0 -10 V # 4...20 mA

Working resistance: R_a (ohms) = 25...450 Ohm (at I output)Load resistance: $R_L > 15\text{ kOhm}$ (at U output)Operation / Media temperature: $-20...+50\text{ }^\circ\text{C} / -4...+122\text{ }^\circ\text{F}$

T2-IP65 plastic housing with one M16 cable gland

Housing dimensions: 126 x 90 x 50 mm / 4.96 x 3.54 x 1.97 in

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Aksesuarlar

**134B9402****Pressure Sensor 7247T 2x7000Pa & PT1000**DUAL AIR PRESSURE SENSOR $\pm 7000\text{Pa}$ & $\pm 7000\text{Pa-MB}$

Dual maintenance-free pressure sensor with connection facility for external Pt1000 sensor ($-50\dots+150^\circ\text{C}$). Microprocessor-controlled with Modbus RTU connection in a resistant IP65 plastic housing with quick-locking screws, connection nozzles for pressure hose ($\varnothing 6\text{ mm}$) and M16 cable gland for cable connection. International SI units (default) can be switched to Imperial (via Modbus). Incl. connection set ASD-06 (2 m connecting hose, two pressure port nipples, screws).

Pressure range: $\pm 7000\text{ Pa}$ and $\pm 7000\text{ Pa}$ Accuracy: 7000 Pa/28 inWC: typical $\pm 105\text{ Pa}$ at $+25^\circ\text{C}$ / $\pm 0.12\text{ inWC}$ at $+77^\circ\text{F}$ Linearity: $< \pm 1\%$ of final value & Temperature drift: $\pm 0.1\%$ per $^\circ\text{C}$ / $^\circ\text{F}$ Zero point offset: $\pm 10\%$ of measuring rangeAbove- # below-pressure: max. $\pm 50\text{ kPa}$ / $\pm 200\text{ inWC}$ Power: 24VAC ($\pm 20\%$) $< 0,2\text{W}$ / 15...36VDCOperation temperature: $-30\dots+70^\circ\text{C}$ / $-22\dots+158^\circ\text{F}$ Media temperature $-20\dots+50^\circ\text{C}$ / $-4\dots+122^\circ\text{F}$

T2-IP65 plastic housing with two M16 cable glands & one M12 for temperature

Housing dimensions: 126 x 90 x 50 mm / 4.96 x 3.54 x 1.97 in

**134B9401****Pressure Sensor 7249T 500/7000Pa & PT1000**DUAL AIR PRESSURE SENSOR $\pm 500\text{Pa}$ & $\pm 7000\text{Pa-MB}$

Dual maintenance-free pressure sensor with connection facility for external Pt1000 sensor ($-50\dots+150^\circ\text{C}$). Microprocessor-controlled with Modbus RTU connection in a resistant IP65 plastic housing with quick-locking screws, connection nozzles for pressure hose ($\varnothing 6\text{ mm}$) and M16 cable gland for cable connection. International SI units (default) can be switched to Imperial (via Modbus). Incl. connection set ASD-06 (2 m connecting hose, two pressure port nipples, screws).

Pressure range: $\pm 500\text{ Pa}$ and $\pm 7000\text{ Pa}$ Accuracy: 500 Pa/2.0 inWC: typical $\pm 13\text{ Pa}$ at $+25^\circ\text{C}$ / $\pm 0.05\text{ inWC}$ at $+77^\circ\text{F}$ Accuracy: 7000 Pa/28 inWC: typical $\pm 105\text{ Pa}$ at $+25^\circ\text{C}$ / $\pm 0.12\text{ inWC}$ at $+77^\circ\text{F}$ Linearity: $< \pm 1\%$ of final value & Temperature drift: $\pm 0.1\%$ per $^\circ\text{C}$ / $^\circ\text{F}$ Zero point offset: $\pm 10\%$ of measuring rangeAbove- # below-pressure: max. $\pm 50\text{ kPa}$ / $\pm 200\text{ inWC}$ Power: 24VAC ($\pm 20\%$) $< 0,2\text{W}$ / 15...36VDCOperation temperature: $-30\dots+70^\circ\text{C}$ / $-22\dots+158^\circ\text{F}$ Media temperature $-20\dots+50^\circ\text{C}$ / $-4\dots+122^\circ\text{F}$

T2-IP65 plastic housing with two M16 cable glands & one M12 for temperature

Housing dimensions: 126 x 90 x 50 mm / 4.96 x 3.54 x 1.97 in

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Aksesuarlar

**134B9400****Pressure Sensor 7245T 2x500Pa & PT1000**DUAL AIR PRESSURE SENSOR $\pm 500\text{Pa}$ & $\pm 500\text{Pa-MB}$

Dual maintenance-free pressure sensor with connection facility for external Pt1000 sensor ($-50\dots+150^\circ\text{C}$). Microprocessor-controlled with Modbus RTU connection in a resistant IP65 plastic housing with quick-locking screws, connection nozzles for pressure hose ($\varnothing 6\text{ mm}$) and M16 cable gland for cable connection. International SI units (default) can be switched to Imperial (via Modbus). Incl. connection set ASD-06 (2 m connecting hose, two pressure port nipples, screws).

Pressure range: $\pm 500\text{ Pa}$ and $\pm 500\text{ Pa}$ Accuracy: $500\text{ Pa}/2.0\text{ inWC}$: typical $\pm 13\text{ Pa}$ at $+25^\circ\text{C}$ / $\pm 0.05\text{ inWC}$ at $+77^\circ\text{F}$ Linearity: $< \pm 1\%$ of final value & Temperature drift: $\pm 0.1\%$ per $^\circ\text{C}/^\circ\text{F}$ Zero point offset: $\pm 10\%$ of measuring rangeAbove-/below-pressure: max. $\pm 50\text{ kPa}$ / $\pm 200\text{ inWC}$ Power: 24VAC ($\pm 20\%$) $< 0,2\text{W}$ / $15\dots 36\text{VDC}$ Operation temperature: $-30\dots+70^\circ\text{C}$ / $-22\dots+158^\circ\text{F}$ Media temperature $-20\dots+50^\circ\text{C}$ / $-4\dots+122^\circ\text{F}$

T2-IP65 plastic housing with two M16 cable glands & one M12 for temperature

Housing dimensions: $126 \times 90 \times 50\text{ mm}$ / $4.96 \times 3.54 \times 1.97\text{ in}$ **130B5601****VLT® DeviceNet converter MCA194 kplmlı**

VLT® DeviceNet converter MCA194 coated

Image
coming
soon**176F3924****BACK-CH COOLING KIT,N3R,E3h,600mm RITTAL**

Yedek parçalar

**176F3415****Akım ölçekleme kartı 2,67 ohm**

Installs on the power board

**176F6663****BUS BAR,DC LINK SCR MULTI,E1E3,N315,N355**

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Yedek parçalar

**176F6659** [↗](#)**Bara, akım sensörü, E1h, E3h, Fx11**

Busbars through sensors, 1 per kit

**176F6666** [↗](#)**BUS BAR,DC POS,DC LINK IND TO CAPB,E1-E3****176F6668** [↗](#)**Cover, E3 front, top panel****176F6669** [↗](#)**Cover, E3 front, lower panel****176F6672** [↗](#)**Yalıtım, plas, PC, GD, PCA, destek, P4001**

Bracket gatedrive support, mounts above IGBTs

**176F6673** [↗](#)**Bara, IGBT AC çıkışı E1h, E3h, Fx11**

IGBT AC output, goes over the IGBT, 1 per kit

**176F6657** [↗](#)**ASSY,WIRE,CBL17,P4001,FPC-TOP,E3E4,IP20****176F6655** [↗](#)**ASSY,WIRE,CBL15,P4001,FPC-HS,E1****176F6653** [↗](#)**ASSY,WIRE,CBL4,P4001,PWR-CT,E1****176F6651** [↗](#)**ASSY,WIRE,CBL3,P4001,PWR-MIXING,E1**

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

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Yedek parçalar

**176F6647** [🔗](#)**Doğrultucu SCR/diyot 700 A 1600 V**

SCR/diode, 1 per kit

Image
coming
soon**176F6704** [🔗](#)**ASSY,WIRE,CBL11,P4001,GD-BRAKE,E2**Image
coming
soon**176F6696** [🔗](#)**ASSY,WIRE,CBL7,P4001,PWR-GD,E2****176F6689** [🔗](#)**Bara terminali, E1h-E4h, Fx11-12**

Mains & Motor terminal busbars (L1,L2,L3 / U,V,W)

**176F6686** [🔗](#)**Terminal dest şebeke, motor E1h-E4h**

Mains & Motor term insulation block, black plastic

**176F6682** [🔗](#)**Bara/izolatör seti T5 E1h, E3h, Fx11**

Set of 3 cap bank busbars with Mylar insulators

**176F6680** [🔗](#)**Bara SCR AC girişi, E1h, E3h, Fx11**

Mains busbars to SCRs

**176F6677** [🔗](#)**Yalıtım, plastik, aktif AniAkım, E1h-E4h**

Bracket inrush support, mounts above SCRs

**176F6675** [🔗](#)**Bara AC giriş-AniAkım PCA, E1, E2, Fx11**

Set of 3 small AC busbars to inrush card

**176F6645** [🔗](#)**IGBT MODULE 450 A E1,E3 BRAKE**

There are 2 IGBT modules in parallel for each output phase. Spare Part only contain one module. Always order at least 2 Spare Parts.

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

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Yedek parçalar

**176F6641** [🔗](#)**IGBT MODULE 600 A T4/T5**

There are 2 IGBT modules in parallel for each output phase. Spare Part only contain one module. Always order at least 2 Spare Parts.

**176F6639** [🔗](#)**Sigorta 1250 A 700 V kare gövde**

Mains fuse, 1 per kit

**176F6638** [🔗](#)**FAN POWER CARD HIGH POWER****176F6637** [🔗](#)**FAN, HEATSINK, UL 12 P4001**

Before ordering component see Product Note PN333

**176F6636** [🔗](#)**Fan IP20/54 120X38 48 VDC**

IP20/21/54,top/door fan, 120x38mm, 48VDC, fan only

**176F6634** [🔗](#)**CAPACITOR T5**

To be used on the following frame sizes

D-frame: Drives produced during or after week 18, 2018 with production site "H" indicated by the character preceding the last 3 characters of the serial number (H188)

E-frame: Any datecode

**176F6633** [🔗](#)**Akım sensörü 1000 A E1h-E4h, Fx11-Fx12**

Current sensor, 1 per kit

**176F6625** [🔗](#)**POWERCARD HIGH POWER**

Buy this for T7 E-frame drives built before Week 25 (6/19) 2023 and for all T4 and T5 E-Frames.

For details for the T7 versions please read PN 410

**176F6623** [🔗](#)**INRUSH CARD 400V**

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Yedek parçalar



176F6621 [🔗](#)
GATE DRIVE CARD 400V
GATE DRIVE CARD 400V



176F6730 [🔗](#)
İndüktör 47 uH 658 A
DC power inductor



176F8323 [🔗](#)
IGBT snubber kon 1000 V 1,5 UF
IGBT snubber cap, mounts on IGBT modules



176F3183 [🔗](#)
Cable Control Card to Power Card D1h D3h



176F3181 [🔗](#)
Cable LCP to Control Card D1h D3h



176F3161 [🔗](#)
Balance/HF Card NO 110-315kW 400V



130B7530 [🔗](#)
Mounting Kit f. C Option, 40mm, A2/A3
MCF 105 assembly kit A2 / A3 for C option



x10

130B9001 [🔗](#)
multiple 2 pole power combicon, 24V plug



130B5601 [🔗](#)
VLT® DeviceNet converter MCA194 kplımlı
VLT® DeviceNet converter MCA194 coated



130B0295 [🔗](#)
Kontrol kartı girişli aksesuar çantası

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Yedek parçalar

**130B1069****Çoklu röle 1 fiş**

spare, 3 pole connector, relay 1, fc300

**130B1068****Çoklu röle 2 fiş**

spare, 3 pole connector, relay 2, fc300

**130B1107****VLT® Control Panel LCP 102**

VLT Control Panel LCP 102

Düz metinli, aydınlatmalı grafik ekran.

Tüm dilleri ve metin karakterlerini destekler.

Kısa sürede devreye alma için hızlı menü.

Parametre grupları içim kaydetme ve kopyalama işlevi.

Tüm işlevler için çevrimiçi yardım.

**130B1088****IP20/21 için Danfoss logolu LCP kör kpk.****134B1726****FC-302 için güvenli drşl kontrol kartı**

Yazılım versiyonu 8.12 veya üstü ile uyumludur. Sürücünüz müşteriye özel bir yazılıma veya marka etiketli bir yazılım versiyonuna sahipse, lütfen kontrol kartı parça numarası 130B1109 için sipariş verin.

**176F3861****FC302 ST. SPARE PACKAGE 315-400KW T5 E3h**

1 Qty 134B1726 Control Card for FC-302

1 Qty 176F6623 INRUSH CARD 400V

1 Qty 176F6625 POWERCARD HIGH POWER

3 Qty 176F6647 RECTIFIER SCR T5

**176F3862****FC302 ADV SPARE PKG 315-400KW T5 IP20-54**

1 Qty 134B1726 Control Card for FC-302

1 Qty 176F6623 INRUSH CARD 400V

1 Qty 176F6625 POWERCARD HIGH POWER

3 Qty 176F6647 RECTIFIER SCR T5

6 Qty 176F6641 IGBT MODULE 600 A T4/T5

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

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Yedek parçalar

**176F3863** **FC102-302 MAINT. PKG E FRAME**

2Qty 176F3167 Top Fan IP20 DC 80x38

2Qty 176F6636 FAN, TOP/DOOR P4001 E1-E4

3Qty 176F3856 FAN, HEATSINK, EBM, UL 12, P4001

For units produced before week 12 2019, the "old" Heatsink Fans
(3 x 176F6637) may only be replaced as a set with 3 x 176F3856Image
coming
soon**176F3847** **BUS BAR, mains/motor, right angle, E1h-E4h****176F6687** **cover, terminal opening cover, E3****176F3856** **Fan, soğutucu, UL 12, E1h-E4h, Fx09-12**

Fan, heat sink, high speed, 172X51mm, 48VDC

**176F3930** **CAPACITOR T5, EPCOS**

Before ordering component see Product Note PN 353

**176F3839** **Bara, motor, U, E1h/E3h, Fx11**

Busbar, connects C/T bar to right angle bar

**176F3840** **Bara, motor, V, E1h/E3h, Fx11**

Busbar, connects C/T bar to right angle bar

**176F3841** **Bara, motor, W, E1h/E3h, Fx11**

Busbar, connects C/T bar to right angle bar

**176F3858** **Sigorta 1000 A 700 V kare gövde**

Special note regarding following powersizes built after week 43, 2018:

FC-102 / FC-202 / FC-103: N355T4 and N400T4

FC-302: N315T5 and N355T5

Drives that meet this criteria should use 176F3858. Drives built before
should use 176F6639.**For more information, please use this link to visit the product page on Danfoss Product Store** 

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Yedek parçalar

**176F6671** [🔗](#)

Cover, E4 front, lower panel

Image
coming
soon**134B5998** [🔗](#)

24 pole jumper/2 connector jumper

Image
coming
soon**176F4720** [🔗](#)

Repair Kit for New E-Frame, T4/T5

**176F3788** [🔗](#)

Bara DCneg, DC.ind-konB N400, Fx11

Connects DC coil - input to cap bank, left side

**176F3789** [🔗](#)

Bara DCpoz, DC.ind-konB N400, Fx11

Connects DC coil - input to cap bank, right side

Image
coming
soon**176F6769** [🔗](#)

Thermal Grease - Pack of 5

**134B7466** [🔗](#)

Option A Ethernet Package

Image
coming
soon**134B6883** [🔗](#)

VLT Progr. Contr. MCB 301, coated

**176F4106** [🔗](#)

Fieldbus plate, highpower, IP20, 10 pcs

**130B1071** [🔗](#)

6 Kutuplu Konektör, FC serisi, (10 adet)

6-pole spring cage connectors 10 pcs

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Yedek parçalar

**134B9413** **Airflow Sensor KLQ CO2 & Air Quality**

DUCT AIR QUALITY (VOC) AND CO2 SENSOR KLQ-CO2-MB

Maintenance-free duct sensor covering air quality (VOC 0...100 %), carbon dioxide (CO2 0...5000 ppm) and atmospheric pressure (hPa). The air quality is detected by a VOC sensor (mixed gas sensor for volatile organic substances) and include an automatic calibration. It determines the loading of the room air due to contaminated gases such as cigarette smoke, body perspiration, exhaled breathing air, solvent vapors, emissions etc. The air contamination can be selected into different sensitivity ranges as low, medium or high. The CO2 measurement is performed using an optical NDIR sensor (non-dispersive infra-red technology), and the detection range is calibrated for standard applications such as monitoring residential rooms and conference rooms. A microprocessor-controlled solution with factory sensor calibration, Modbus RTU connection in a resistant IP65 plastic housing with mounting flange, quick-locking screws and two M16 cable gland for cable connection. International SI units (default) can be changed to imperial (via Modbus).

VOC Sensor: Volatile Organic Compounds sensor (metal oxide) with automatic calibration

VOC measuring range: 0...100 % air quality; referred to calibrating gas & selection of VOC sensitivities (low/medium/high)

VOC measuring accuracy: typical ± 20 % of final value (referred to calibrating gas)

CO2 Sensor: optical NDIR sensor (non-dispersive infra-red technology) including atmospheric pressure compensation (up to 1100 mbar) with manual or automatic calibration

CO2 measuring range: 0...5000 ppm

CO2 measuring accuracy: typical ± 30 ppm (± 3 % of measured value) & temperature dependence: ± 5 ppm pro $^{\circ}\text{C}$ or $\pm 0,5$ % of measured value pro $^{\circ}\text{C}$ (whichever is higher) & pressure dependence: ± 0.13 % per mm Hg

Medium: clean air and non-aggressive, non-combustible gases

Power: 24VAC/DC ($\pm 10\%$) 24DC $<1,6\text{W}$

Operation temperature: $-10...+60$ $^{\circ}\text{C}$ / $14...+140$ $^{\circ}\text{F}$

T2-IP65 plastic housing two M20 cable glands

Housing dimensions: 126 x 90 x 50 mm / 4.96 x 3.54 x 1.97 in

Services

**130R1167** **DrivePro Extended Warranty Servis Bayisi**

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



130R1162 [🔗](#)

DrivePro ExWarr Work Shop PG07 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.



130R1164 [🔗](#)

DrivePro Extended Warranty Servis Bayisi

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.



130R1163 [🔗](#)

DrivePro Extended Warranty Servis Bayisi

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

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130R1165 [🔗](#)

DrivePro Extended Warranty Servis Bayisi

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130R1166 [🔗](#)

DrivePro Extended Warranty Servis Bayisi

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130R1168 [🔗](#)

DrivePro Extended Warranty Servis Bayisi

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 [🔗](#)

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Services



130R1160 [🔗](#)

DrivePro Extended Warranty Servis Bayisi

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

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130R1161 [🔗](#)

DrivePro Extended Warranty Servis Bayisi

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.



130R1068 [🔗](#)

DrivePro Extended Warranty sahada 72 ay

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.



130R1066 [🔗](#)

DrivePro Extended Warranty sahada 60 ay

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.



130R1064 [🔗](#)

DrivePro Extended Warranty sahada 48 ay

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.



130R1063 [🔗](#)

DrivePro Extended Warranty sahada 42 ay

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 [🔗](#)

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Services

**130R1062** [🔗](#)**DrivePro Extended Warranty sahada 36 ay**

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.

**130R1061** [🔗](#)**DrivePro Extended Warranty sahada 30 ay**

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.

**130R1067** [🔗](#)**DrivePro Extended Warranty sahada 66 ay**

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.

**130R1065** [🔗](#)**DrivePro Extended Warranty sahada 54 ay**

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.

**130R1060** [🔗](#)**DrivePro Extended Warranty sahada 24 ay**

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.

**130R1326** [🔗](#)**DrivePro Start-UP ctrl. IFT test high**

DrivePro Start-Up Control interface testing high frame unit

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

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Services

**130R1323** [🔗](#)**DrivePro Start-Up special applic. high**

DrivePro Start-Up special applications high frame unit

**130R1317** [🔗](#)**DrivePro Start-Up 1 day on-demand high**

DrivePro® Start-up gives the Customer a full range of checks and adjustments during commissioning of the drive, ensuring their system is tuned for optimal performance right from day one.

The following benefits can be gained:

- Installation is checked to ensure it complies to Danfoss guide lines.
- The AC drive is fine-tuned specific to the application, ensuring optimal performance.
- Maximum energy savings to the Customer.
- Extend the AC drive's lifespan.
- Report detailing findings.

Before DrivePro® Start-up can be implemented, the AC drive must be installed and ready for operation. The entire system must be fully operational under normal operation conditions. Installation of the drive is not included in this package. Commissioning needs to take place during the standard working hours.

General Terms and Conditions of Delivery and Warranty apply.

**130R1316** [🔗](#)**DrivePro Start-Up 1 day pre-order high**

DrivePro® Start-up gives the Customer a full range of checks and adjustments during commissioning of the drive, ensuring their system is tuned for optimal performance right from day one.

The following benefits can be gained:

- Installation is checked to ensure it complies to Danfoss guide lines.
- The AC drive is fine-tuned specific to the application, ensuring optimal performance.
- Maximum energy savings to the Customer.
- Extend the AC drive's lifespan.
- Report detailing findings.

Before DrivePro® Start-up can be implemented, the AC drive must be installed and ready for operation. The entire system must be fully operational under normal operation conditions. Installation of the drive is not included in this package. Commissioning needs to take place during the standard working hours.

General Terms and Conditions of Delivery and Warranty apply.

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

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Services

**130R1308****DrivePro Start-Up Unit on-demand high**

DrivePro® Start-up gives the Customer a full range of checks and adjustments during commissioning of the drive, ensuring their system is tuned for optimal performance right from day one.

The following benefits can be gained:

- Installation is checked to ensure it complies to Danfoss guide lines.
- The AC drive is fine-tuned specific to the application, ensuring optimal performance.
- Maximum energy savings to the Customer.
- Extend the AC drive's lifespan.
- Report detailing findings.

Before DrivePro® Start-up can be implemented, the AC drive must be installed and

ready for operation. The entire system must be fully operational under normal operation conditions. Installation of the drive is not included in this package. Commissioning needs to take place during the standard working hours.

General Terms and Conditions of Delivery and Warranty apply.

**130R1307****DrivePro Start-Up Unit Pre-order high**

DrivePro® Start-up gives the Customer a full range of checks and adjustments during commissioning of the drive, ensuring their system is tuned for optimal performance right from day one.

The following benefits can be gained:

- Installation is checked to ensure it complies to Danfoss guide lines.
- The AC drive is fine-tuned specific to the application, ensuring optimal performance.
- Maximum energy savings to the Customer.
- Extend the AC drive's lifespan.
- Report detailing findings.

Before DrivePro® Start-up can be implemented, the AC drive must be installed and

ready for operation. The entire system must be fully operational under normal operation conditions. Installation of the drive is not included in this package. Commissioning needs to take place during the standard working hours.

General Terms and Conditions of Delivery and Warranty apply.

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

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Services

Image
coming
soon

130R1199 [🔗](#)

DrivePro Site Assessment

investments.

DrivePro® Site Assessment is designed by Danfoss Drives to assess and analyze the drives at your site for effective asset management with a view of their maintenance and their lifecycle conditions. This assessment helps you to maintain, plan and take investments to achieve the highest possible reliability and performance.

Our experts visit your site and collect the data on your drives. We evaluate the collected data and help you to have an overview of risk factors in combination of all the parameters visually inspected at site. We give you a report on key facts which would help your management to take decisions on maintenance, planning, renewals and on future investments.



130R1384 [🔗](#)

DrivePro Start-Up 1/2 day pre-order high

DrivePro® Start-up gives the Customer a full range of checks and adjustments during commissioning of the drive, ensuring their system is tuned for optimal performance right from day one.

The following benefits can be gained:

- Installation is checked to ensure it complies to Danfoss guide lines.
- The AC drive is fine-tuned specific to the application, ensuring optimal performance.
- Maximum energy savings to the Customer.
- Extend the AC drive's lifespan.
- Report detailing findings.

Before DrivePro® Start-up can be implemented, the AC drive must be installed and ready for operation. The entire system must be fully operational under normal operation conditions. Installation of the drive is not included in this package. Commissioning needs to take place during the standard working hours.

General Terms and Conditions of Delivery and Warranty apply.

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Services

**130R1385** **DrivePro Start-Up 1/2 day on-demand high**

DrivePro® Start-up gives the Customer a full range of checks and adjustments during commissioning of the drive, ensuring their system is tuned for optimal performance right from day one.

The following benefits can be gained:

- Installation is checked to ensure it complies to Danfoss guide lines.
- The AC drive is fine-tuned specific to the application, ensuring optimal performance.
- Maximum energy savings to the Customer.
- Extend the AC drive's lifespan.
- Report detailing findings.

Before DrivePro® Start-up can be implemented, the AC drive must be installed and

ready for operation. The entire system must be fully operational under normal operation conditions. Installation of the drive is not included in this package. Commissioning needs to take place during the standard working hours.

General Terms and Conditions of Delivery and Warranty apply.

Image
coming
soon

130R1348 **DrivePro Remote Monitoring - Annual Fee**

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