



**131L9897**

**FC-101P55KT4E20H2XXXXXXXXXXXXAXBXCXXXXDX**

Frequency Converter  
 FC-101P55KT4E20H2XXXXXXXXXXXXAXBXCXXXXDX  
 VLT® HVAC Drive FC- 101  
 (P55K) 55 KW / 75 HP, Three phase  
 380 - 480 VAC, (E20) IP20 / Chassis  
 RFI Filter  
 No brake chopper  
 No Loc. Cont. Panel  
 Not coated PCB, No Mains Option  
 No A Option, No B Option  
 No C1 option, No D option  
 Frame: H7  
 Other options according to Model Code

**Model code:** FC-101P55KT4E20H2XXXXXXXXXXXXAXBXCXXXXDX

These drives offer a wide range of powerful standard and optional features with low overall cost of ownership, ideal for OEMs.  
 VLT® HVAC Basic Drive FC 101 is the natural choice for heating, ventilation, air conditioning, and simple compressor applications. It is optionally available with a 2-line alphanumeric display.

**View Efficiency Data**

**PRODUCT DETAILS**

<b>Gross weight</b>	34.511 Kilogram		
<b>Net weight</b>	34.211 Kilogram		
<b>EAN</b>	5702427807877		
<b>Product View (Switch)</b>	GLBL	Global (Standard)	
<b>Product Group</b>	FC-	VLT® HVAC Drive FC-	
<b>Series</b>	101	101	Basic version
<b>Power Rating</b>	P55K	(P55K) 55 KW / 75 HP	HP not Valid if T7 drive, HP usually one size down
<b>Phase</b>	T	Three phase	
<b>Mains Voltage</b>	4	380 - 480 VAC	
<b>Enclosure</b>	E20	(E20) IP20 / Chassis	Normal cabinet mounting A, B & C Frames
<b>RFI Filter</b>	H2	RFI Filter	H1: Integrated EMC filter. Fulfil EN 55011 Class A1/B and EN/IEC 61800-3 Category 1/2. H2: No extra EMC filter. Fulfil EN 55011 Class A2 and EN/IEC 61800-3 Category 3. H3: Integrated EMC filter. Fulfil EN 55011 class A1/B and EN/IEC 61800-3 Category 1/2 (enclosuresize A1 only). See Design Guide for specific cable length depending on power size.
<b>Brake - Safe Stop</b>	X	No brake chopper	
<b>LCP</b>	X	No Loc. Cont. Panel	

Danfoss can accept no responsibility for possible errors in catalogs, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without sub-sequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.

## Product Detail | FC-101P55KT4E20H2XXXXXXSXXXAXBXCXXXXDX

## PRODUCT DETAILS

Coating PCB	X	Not coated PCB	
Mains Option	X	No Mains Option	
Adaptation A	X	Standard Cable Entries	
Adaptation B	X	No adaptation	
Software Release	SXXX	Latest release std. SW.	
Software Language Pack	X	Standard Language Pack	Software
A Option	AX	No A Option	
B Option	BX	No B Option	
C0 Option MCO	CX	No C0 option	
C1 Option	X	No C1 option	
C Option Software	XX	No software option	Configuration software for speed synchronisation between drives
D Option	DX	No D option	
Frame Size	H7	H7	
Product Catalog	NO_VIEW	NO VIEW	
Typecode Part 1		FC-101P55KT4E20H2XXX	
Typecode Part 2		XXXSXXXAXBXCXXXXDX	
STAT NO		60282	
Calculated Net Weight [kg]		36	
Calculated Package Weight		0.3	
Calculated Gross Weight [kg]		36.3	
ECCN EU	Y901	Y901	
ECCN US	3A999.a	3A999.a	
Plant from Orderline	B901	B901	
Vendor	ERR01	Cannot Determine Vendor	
Recommended Factory	ERR01	Cannot Determine Vendor	
Modelcode01		FC-101P55KT4E20H2XXX	
Modelcode02		XXXSXXXAXBXCXXXXDX	

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

## Accessories



**132B0243** [🔗](#)  
Decoupling Plate mounting kit, H7



**132B0218** [🔗](#)  
IP21/Type1 Conversion Kit, H7  
VLT® Nema 1 kit / IP21 option frame H7



**132B0208** [🔗](#)  
Decoupling Plate mounting kit, H7  
Decoupling Plate mounting kit, H7

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

Danfoss can accept no responsibility for possible errors in catalogs, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without sub-sequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.

Accessories

Image coming soon

**132B0203** [🔗](#)

**VLT®FC101\_LCP31-RJ45 Converter plugs**

VLT®FC101\_LCP31-RJ45 Converter plugs



**132B0201** [🔗](#)

**LCP 31 Mounting Kit, 3m cable**



**132B0200** [🔗](#)

**VLT® Control Panel LCP 31**

Easy-to-use local control panel for the VLT® HVAC Basic Drive.

The well-structured menu system ensures fast commissioning and easy access to its powerful functions saving time, energy, and money. To be used on newer products with an 8 pole connection.



**132B0132** [🔗](#)

**LCP Remote Mounting Cable, 3m**

Image coming soon

**132B0206** [🔗](#)

**VLT®LCP31 Panel Mounting Kit w/o cable**



**132B9222** [🔗](#)

**Mains Free Interface FC101 LCP**

USB 2.0 based mains free PC programming interface for FC101 family products. It supports drive parameter setting and firmware flashing without mains power. PC tool MCT10 is needed.

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

Danfoss can accept no responsibility for possible errors in catalogs, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without sub-sequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.