

Ordering type code for VLT® AutomationDrives

[1] [2] [3] [4] [5] [6] [7] [8] [9] [10] [11] [12] [13] [14] [15] [16] [17] [18]

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[1] Application

301	VLT® AutomationDrive FC 301
302	VLT® AutomationDrive FC 302
322	VLT® AutomationVT Drive FC 322

[2] Power Size

PK25	1/3 HP 0.25 KW
P1M4	1400 KW
See pages 14 and 15 for complete list of power sizes available by voltage.	

[3] AC Line Voltage

T2	3Ø 200 - 240 VAC
T4	3Ø 380 - 480 VAC (FC 322)
T5	3Ø 380 - 500 VAC (FC 302)
T6	3Ø 525 - 600 VAC (FC 302)
T7	3Ø 525 - 690 VAC

[4] Enclosure

For cabinet mounting:	
E00	IP00 (enclosure D3, D4)
Z20	IP20 (enclosure A1, FC 301 only)
E20	IP20 (enclosure A2, A3, B3, B4, C3, C4)
Standalone:	
E21	IP21 NEMA 1 (enclosure B1, B2, C1, C2, D1, D2)
E54	IP54 NEMA 12 (enclosure D1, D2)
E55	IP55 (enclosure D1, D2)
E66	IP66 (enclosure A5, B1, B2, C1, C2)
Special design:	
C00	IP00 (enclosure E00–air duct in stainless steel)
P20	IP20 (enclosure B4, C3, C4–rear heat sink)
E2M	IP21 (enclosure D1, D2,–protective cover)
P21	IP21 (enclosure as E21–rear heat sink)
E5M	IP54 (enclosure D1, D2,–protective cover)
P55	IP55 (enclosure as E55–rear heat sink)

[5] RFI filter

H1	RFI-Filter Class A1/B
H2	INo RFI-Filter, Class A2
H3	RFI-Filter Class A1
H4	RFI-Filter, Class A1
H6	RFI-Filter for Marine
HE	Integral Class A2 filter with residual current monitor
HX	No RFI-Filter (only 600V)

[6] Braking & Safety

X	No brake IGBT
B	Brake IGBT mounted
R	Regen Terminals
T	Safe stop without brake
U	With brake and safe stop

[7] Display (Local Control Panel)

X	Blank faceplate, no LCP installed
G	LCP 102 – Numeric LCP installed
N	LCP 101 – Graphic LCP installed

[8] Conformal Coating

X	No conformal coating
C	Conformal coating on all PCBs

[9] Mains Input

X	No option
1	Mains disconnect
3	Mains disconnect & fuses
5	Mains disconnect, fuses and loadsharing
7	Fuses
8	Mains disconnect and load sharing
A	Fuses & load sharing terminals
D	Load sharing terminals

[12] LCP Language Pack

X	Standard language pack
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[13] Fieldbus

AX	No Fieldbus Option Installed
A0	Profibus MCA101 Option Card
A4	DeviceNet MCA104 Option Card
A6	CAN Open MCA105 Option Card
AN	Ethernet IP MCA121 Option Card
AQ	Modbus TCP/IP MCA122 Option Card

[14] Application Option

BX	No application option
B2	PTC Thermistor Input MCB112 Option Card (FC-302 Only)
BK	General Purpose I/O MCB101 Option Card
BO	Analog I/O plus Battery Backup MCB109 (FC 322 Only)
BP	Relay Expansion MCB105 Option Card
BR	Encoder Input MCB102 Option Card
BU	Resolver Input MCB103 Option Card
BY	Extended Cascade Control MCO101 (FC 322 Only)
BZ	SAFE PLC Interface MCB108 Option Card

[15] Motion Control

CX	No motion control option
C4	Motion Control MCO 305 Option Card

[16] Motion Control Output

X	No motion control output option
5	Advanced Cascade Control MCO 102 (FC 322 Only)
R	Extended Relay MCB 113 Option Card (FC 302 Only)

[17] Motion Control Software

XX	No Motion Control Software <i>Note: C4 option in [15] selected with no motion software in [17] will require programming by a qualified individual</i>
10	Software for Synchronizing Control MCO 350*
11	Software for Positioning Control MCO 351*
12	Software for Center Winding MCO 352*
15	Software for SALT MCO 360* <i>* Must select C4 in block [15]</i>

[18] Voltage Input

DX	No DC Input Option Installed
D0	24 Vdc MCB 107 Option Card

Not all combinations are valid. Consult your Danfoss Representative for valid combinations.