



NMMS.E134261 Power Conversion Equipment

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Power Conversion Equipment

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E134261

ULSNAES 1

6300 GRAASTEN, DENMARK



Trademark and/or Tradename: "E134261" , "VLT" , "www.danfoss.com" ,

Investigated to ANSI/UL 508C**AC Drive** Model(s) NBU-302/NBU-301/NBU-101/NBU-102/NBU-103, NBU-201, NBU-202, NBU-322**AC motor controllers, "BFU Type"** Model(s) E05*, E07*, E11*, E15*, E22*, E30*, E40***AC motor controllers, "CRB Type 400V"** Model(s) CRB 307, 315, 330**AC motor controllers, "FCD Series"** Model(s) FCD302, followed by P1K1, followed by T4, followed by B or W, followed by 66 or 69, followed by H1, followed by X or S, followed by X, Y, 1 or 3, followed by X, E, or F, followed by M, N, O or X, followed by X, E, F, H or K, L, M, or S, followed by C or X, followed by X, E, or F, followed by X, followed by X, E or P followed by X, followed by A, followed by X, O, L, or N, Y or 8, followed by B, followed by X, R, Z or U, followed by XXXXX, followed by D, followed by X or O.

FCD302, followed by P1K5, followed by T4, followed by B or W, followed by 66 or 69, followed by H1, followed by X or S, followed by X, Y, 1 or 3, followed by X, E, or F, followed by M, N, O or X, followed by X, E, F, H or K, L, M, or S, followed by C or X, followed by X, E, or F, followed by X, followed by X, E or P followed by X, followed by A, followed by X, O, L, or N, Y or 8, followed by B, followed by X, R, Z or U, followed by XXXXX, followed by D, followed by X or O.

FCD302, followed by P2K2, followed by T4, followed by B or W, followed by 66 or 69, followed by H1, followed by X or S, followed by X, Y, 1 or 3, followed by X, E, or F, followed by M, N, O or X, followed by X, E, F, H or K, L, M, or S, followed by C or X, followed by X, E, or F, followed by X, followed by X, E or P followed by X, followed by A, followed by X, O, L, or N, Y or 8, followed by B, followed by X, R, Z or U, followed by XXXXX, followed by D, followed by X or O.

FCD302, followed by P3K0, followed by T4, followed by B or W, followed by 66 or 69, followed by H1, followed by X or S, followed by X, Y, 1 or 3, followed by X, E, or F, followed by M, N, O or X, followed by X, E, F, H or K, L, M, or S, followed by C or X, followed by X, E, or F, followed by X, followed by X, E or P followed by X, followed by A, followed by X, O, L, or N, Y or 8, followed by B, followed by X, R, Z or U, followed by XXXXX, followed by D, followed by X or O.

FCD302, followed by PK37, followed by T4, followed by B or W, followed by 66 or 69, followed by H1, followed by X or S, followed by X, Y, 1 or 3, followed by X, E, or F, followed by M, N, O or X, followed by X, E, F, H or K, L, M, or S, followed by C or X, followed by X, E, or F, followed by X, followed by X, E or P followed by X, followed by A, followed by X, O, L, or N, Y or 8, followed by B, followed by X, R, Z or U, followed by XXXXX, followed by D, followed by X or O.

FCD302, followed by PK55, followed by T4, followed by B or W, followed by 66 or 69, followed by H1, followed by X or S, followed by X, Y, 1 or 3, followed by X, E, or F, followed by M, N, O or X, followed by X, E, F, H or K, L, M, or S, followed by C or X, followed by X, E, or F, followed by X, followed by X, E or P followed by X, followed by A, followed by X, O, L, or N, Y or 8, followed by B, followed by X, R, Z or U, followed by XXXXX, followed by D, followed by X or O.

FCD302, followed by PK75, followed by T4, followed by B or W, followed by 66 or 69, followed by H1, followed by X or S, followed by X, Y, 1 or 3, followed by X, E, or F, followed by M, N, O or X, followed by X, E, F, H or K, L, M, or S, followed by C or X, followed by X, E, or F, followed by X, followed by X, E or P followed by X, followed by A, followed by X, O, L, or N, Y or 8, followed by B, followed by X, R, Z or U, followed by XXXXX, followed by D, followed by X or O.

AC motor controllers, "FCD Type 400V" Model(s) 303, 305, 307, 311, 315, 322, 330, 335, 340**AC motor controllers, "PMX Type"** Model(s) C0-7*, C00*, C003*, C1-1*, C1-5*, C2-2*, C3-7***AC motor controllers, "VLT Type"** Model(s) +2803*, +2805*, +2807*, +2811*, +2815*, +2822*, +2830*, +2840*, +2855*, +2875*, +2880*, +2881*, +2882***AC motor controllers** Model(s) 176L8221, 176L8222, 176L8223, 176L8224, 176L8225, ADS102, AKD102, CD-302, CDS-302, CDS303

CPE134 or CPE135, followed by, P1k5, P2k2, P3k0, P4k0 followed by S2 or T2 or T4, followed by V03, followed by H3, followed by X, followed by Y, followed by X, followed by X, followed by X, followed by X, followed by SXXX, followed by X, followed by AX, followed by BX, followed by CX, followed by X, followed by XX, followed by DX..

CU-331, DV-302, FC-103

FC-302, FC-301, FC-101, FC-102, FC-103, FC-201, FC-202, PNR202, IR-301, IRV302, ADS102, MWU302, CD-302, CDS302, CDS303, LD-302, AKD102, CUE202, IVS102, BXX301, BXX302, TR-200, ITT102, FWX301, FC-322, DV-302, KSB202, NBU302, NBU301, NBU101, NBU102, NBU103, NBU201, NBU202, NBU322.

FC302, FC101, FC322, IPC102, IR302, IRV-302, ITT102, LD302/MWU302/CUE202, PNR202, TR-200, Type 1, Type 12, Type 4X Enclosure

AC motor controllers, 24 V External supply options Model(s) 130B1108/130B1208@

AC motor controllers, DC to DC Converters Model(s) 130B1120/130B1209@

AC motor controllers, Device net communication card options Model(s) 130B1102/130B1202@

AC motor controllers, Encoder options Model(s) 130B1115/130B1215@

AC motor controllers, MCA 101 Profibus DP V1 options Model(s) 130B1100/130B1200

AC motor controllers, MCA 104 DeviceNet options Model(s) 130B1102/130B1202

AC motor controllers, MCA 105 Canopen options Model(s) 130B1103/130B1205

AC motor controllers, MCA 107AKD LonWorks Model(s) 130B1169/130B1269

AC motor controllers, MCA 108 Lonworks options Model(s) 130B1106/130B1206

AC motor controllers, MCA 109 BacNet options Model(s) 130B1144/130B1244

AC motor controllers, MCA 113 Profibus conv. Model(s) 130B1245

AC motor controllers, MCA 114 Profibus conv. Model(s) 130B1246

AC motor controllers, MCA 115 TR200 LonWorks Model(s) 130B1467

AC motor controllers, MCA 121 Ethernet IP options Model(s) 130B1119/130B1219

AC motor controllers, MCA 122 Modbus TCP Model(s) 130B1196/130B1296/130B7344

AC motor controllers, MCB 101 General purpose I/O Model(s) 130B1125/130B1212

AC motor controllers, MCB 102 CL Encoder Model(s) 130B1115/130B1203

AC motor controllers, MCB 103 Resolver Model(s) 130B1127/130B1227

AC motor controllers, MCB 105 Relay card options Model(s) 130B1110/130B1210

AC motor controllers, MCB 107 24 V External supply options Model(s) 130B1108/130B1208

AC motor controllers, MCB 108 Safety PLC interfaces Model(s) 130B1120

AC motor controllers, MCB 109 Analog I/O options Model(s) 130B1143/130B1243

AC motor controllers, MCB 110 Real time clocks Model(s) 130B1142/130B1242

AC motor controllers, MCB 112 PTC Thermistor card options Model(s) 130B1137

AC motor controllers, MCB 113 Extended relay cards Model(s) 130B1164/130B1264

AC motor controllers, MCB 114 Sensor input kits MCB 115 programmable I/O options Model(s) 130B1166/130B1266/130B1267

AC motor controllers, MCB 116 TR-200 Real time clocks Model(s) 130B7463/130B7464/130B7465

AC motor controllers, MCB RTC Options Model(s) 130B1120

AC motor controllers, MCB105 Relay cards option B Model(s) 130B1110

AC motor controllers, MCO 102 Adv. Cascade controller options Model(s) 130B1154/130B1254

AC motor controllers, MCO 305 SyncPos programmable motion controls Model(s) 130B1134/130B1234

AC motor controllers, MCO 350 Synchronizing control options Model(s) 130B1152/130B1252

AC motor controllers, MCO 360 VLT SALT control options Model(s) 130B7611/130B7612

AC motor controllers, option kits Model(s) Graphic Display Kit for panel mounting 130B1113

AC motor controllers, option panel mounting kits (w/o additional display) Model(s) Type 4X 130B1117

AC motor controllers, options Model(s) MCB 122 Encoder Ringspinner, MCB 132 Encoder Positioning, MCB 133 Resolver Positioning, MCO 101 Extended Cascade Control, MCO 104 Electronic Controlled Bypass, MCO 302 Motion Control API, MCO 351

AC motor controllers, options, MCB105 Relay card option B (2A/250 Vac) Model(s) 130B1110/130B1210

AC motor controllers, Positioning control options Model(s) 130B1153/130B1253

AC motor controllers, Type 1/IP21 top enclosure kit B3 enclosure option kits Model(s) 130B1187

AC motor controllers, Type 1/IP21 top enclosure kit B4 enclosure option kits Model(s) 130B1189

AC motor controllers, Type 1/IP21 top enclosure kit C3 enclosure option kits Model(s) 130B1191

AC motor controllers, Type 1/IP21 top enclosure kit C4 enclosure option kits Model(s) 130B1193

AC motor controllers, Type 1/IP21 top enclosure kit H10 enclosure option kits Model(s) 132B0221

AC motor controllers, Type 1/IP21 top enclosure kit H6 enclosure option kits Model(s) 132B0217

AC motor controllers, Type 1/IP21 top enclosure kit H7 enclosure option kits Model(s) 132B0218

AC motor controllers, Type 1/IP21 top enclosure kit H8 enclosure option kits Model(s) 132B0219

AC motor controllers, Type 1/IP21 top enclosure kit H9 enclosure option kits Model(s) 132B0220

AC motor controllers, Type 1/IP21/IP4X top enclosure kit A1 enclosures, "FC302" Model(s) 130B1121

AC motor controllers, Type 1/IP21/IP4X top enclosure kit A2 enclosures, "FC302" Model(s) 130B1122

AC motor controllers, Type 1/IP21/IP4X top enclosure kit A3 enclosures, "FC302" Model(s) 130B1123

Decoupling kit H10 11kW/15kw Model(s) 132B0211

Decoupling kit H6 30kW/37-45kW Model(s) 132B0207/132B0242

Decoupling kit H7 55kW/75kW Model(s) 132B0208/132B0243

Decoupling kit H8 90kW Model(s) 132B0209

Decoupling kit H9 2.2kW-7.5kw Model(s) 132B0230

Enclosed Model(s) 132B9110

Enclosed, AC Drive Model(s) FCD315PT4P66EXR1D0F12T12C0, TR-150, TRV200

Field installable options, Cascade controllers Model(s) 175Z3100, 175Z3692, 175Z4455

Field installable options, Fieldbus Model(s) 175Z4362, 195N2100

Field installable options, MCB112 PTC Relay card option B (60mA/20-28Vdc) Model(s) 130B1137

Field installable options, Memory extension cards Model(s) 175Z0403, 175Z0904, 175Z1147, 175Z2906, 175Z3687, 175Z3688, 175Z7801

Field installable options, Positionings and controllers Model(s) 175Z3055, 175Z3057, 175Z4458, 175Z4459

Field installable options, Profibus Model(s) 175L 3669, 175Z0402, 175Z0404, 175Z2625, 175Z2905, 175Z3685, 175Z3686, 175Z3722, 175Z3723, 175Z4207, 175Z4208, 175Z4363, 175Z7800

Field installable options, Relay cards (4 relay) Model(s) 175Z1227, 175Z2500, 175Z2901, 175Z2902, 175Z3690, 175Z3691, 175Z3754, 175Z3755, 175Z4453, 175Z4454, 175Z7803

Field installable options, Synchronization and positionings Model(s) 175Z3053, 175Z3056, 175Z4456, 175Z4457

Field installable options, Type 1 kits Model(s) 175Z4620, 175Z4621

Field installable options, Winders and reelers Model(s) 175Z3245

LCP H6, H7, H8, H9, H10 Model(s) 132B0200

LCP panel mounting kit Model(s) 132B0201

LCP process kits Model(s) 175Z0131, 175Z0401, 175Z7804, HVAC kit

Motor coil options Model(s) 195N3110

Open or enclosed AC motor controllers Model(s) VLT-2880, VLT-2881, VLT-2882

Open type input harmonics filters for motor drives Model(s) 130B1482, 130B1752, 130B1483, 130B1753, 130B1484, 130B1754, 130B1485, 130B1755, 130B1486, 130B1756, 130B1487, 130B1757, 130B1488, 130B1758, 130B1491, 130B1759, 130B1492, 130B1760, 130B1493, 130B1761, 130B1494

130B1762, 130B1495, 130B1763, 130B1496, 130B1764, 130B1497, 130B1765, 130B1498, 130B1766, 130B1499, 130B1768, 130B3165, 130B3167, 130B1751, 130B1769, 130B5212, 130B5246, 130B5213

130B5247, 130B5214, 130B5248, 130B5215, 130B5249, 130B5216, 130B5250, 130B5217, 130B5251, 130B5218, 130B5252, 130B5219, 130B5253, 130B5220, 130B5254, 130B5221, 130B5255, 130B5222, 130B5256, 130B5223, 130B5257, 130B5224, 130B5258, 130B5225, 130B5259, 130B5226, 130B5260, 130B5227, 130B5228

Panel through mounting frame Type 12/3R A5 enclosures Model(s) 130B1028

Panel through mounting frame Type 12/3R B1 enclosures Model(s) 130B1046

Panel through mounting frame Type 12/3R B2 enclosures Model(s) 130B1047

Panel through mounting frame Type 12/3R C1 enclosures Model(s) 130B1048

Panel through mounting frame Type 12/3R C2 enclosures Model(s) 130B1049

RFI filters Model(s) 195N3103

RFI/LC filters Model(s) 195L3100, 195L3101, 195N3100, 195N3101

Trane drives Model(s) TR1 2811

* - May be marked differently than table, but within the ratings range indicated

+ - May be prefixed by alternate alphanumeric code.

@ - Limited voltage/current device, construction not specified.

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