

# NMMS2.E173231 - Power Conversion Equipment - Component

## Power Conversion Equipment - Component

See General Information for Power Conversion Equipment - Component

### ELMO MOTION CONTROL LTD

E173231

60 Amal Street  
Po Box 3078  
49516 Petah Tikva, ISRAEL

### Investigated to ANSI/UL 508C

**DC motor controllers, "SAX drive Series"** Model(s) SAX followed by 3/230, 5/230, 3/400, 8/400, 10/400 or 14/400, may be prefixed by P, PP or M, may be suffixed by X.

**DC motor controllers** Model(s) DAC-8

**GOLD-Panther Series** Model(s) G-PAN1/400 (a), G-PAN12/400 (a), G-PAN12/800 (a), G-PAN16/400 (a), G-PAN6.1/400 (a), G-PAN6/400 (a), G-PAN8/800 (a), G-PANR11/800 (a), G-PANR16/800 (a), G-PANR17/400 (a), G-PANR22/400 (a)

**GOLD-Trombone Series** Model(s) G-TRO1/400 (a), G-TRO12/400 (a), G-TRO12/800 (a), G-TRO16/400 (a), G-TRO6.1/400 (a), G-TRO6/400 (a), G-TRO8/800 (a), G-TROR11/800 (a), G-TROR16/800 (a), G-TROR17/400 (a), G-TROR22/400 (a)

**Panther Series** Model(s) PAN-1/400 (a), PAN-12/400 (a), PAN-12/800 (a), PAN-16/400 (a), PAN-6.1/400 (a), PAN-6/400 (a), PAN-8/800 (a), PAN-R11/800 (a), PAN-R16/800 (a), PAN-R17/400 (a), PAN-R22/400 (a)

**Power conversion equipment, "Condor Series"** Model(s) CON-18/400, CON-35/200, CON-50/100, CON-70/48, CON-70/60, CON-R60/200, CON-R75/100, CON-R90/48, CON-R90/60

**Power conversion equipment, "Cymbal Series"** Model(s) CYM-18/400, CYM-35/200, CYM-50/100, CYM-70/48, CYM-70/60, CYM-R60/200, CYM-R75/100, CYM-R90/48, CYM-R90/60

**Power conversion equipment, "Drum Series"** Model(s) DRU-18/400, DRU-35/200, DRU-50/100, DRU-70/48, DRU-70/60, DRU-R60/200, DRU-R75/100, DRU-R90/48, DRU-R90/60

**Power conversion equipment, "Eagle Series"** Model(s) EAG-18/400, EAG-35/200, EAG-50/100, EAG-70/48, EAG-70/60, EAG-R60/200, EAG-R75/100, EAG-R90/48, EAG-R90/60

**Power conversion equipment, "Guitar Series"** Model(s) GUI-10/200#, GUI-17/200#, GUI-20/100#, GUI-20/48#, GUI-20/60#, GUI-25/100#, GUI-25/48#, GUI-25/60#, GUI-3/200#, GUI-35/48#, GUI-35/60#, GUI-50/100#, GUI-6/200#, GUI-R30/200#, GUI-R35/100#, GUI-R45/48#, GUI-R45/60#

**Power conversion equipment, "Hawk Series"** Model(s) HAK-10/200#, HAK-17/200#, HAK-20/100#, HAK-20/48#, HAK-20/60#, HAK-25/100#, HAK-25/48#, HAK-25/60#, HAK-3/200#, HAK-35/48#, HAK-35/60#, HAK-50/100#, HAK-6/200#, HAK-R30/200#, HAK-R35/100#, HAK-R45/48#, HAK-R45/60#

**Power conversion equipment, "Hornet Series"** Model(s) HOR-1/100\*, HOR-1/60\*, HOR-10/100\*, HOR-10/48\*, HOR-10/60\*, HOR-15/100\*, HOR-15/48\*, HOR-15/60\*, HOR-2.5/100\*, HOR-2.5/60\*, HOR-20/100\*, HOR-20/48\*, HOR-20/60\*, HOR-5/100\*, HOR-5/60\*

**Power conversion equipment, "Ocarina Series"** Model(s) OCA may be followed by A, followed by 10/48, 15/48, 20/48, 1/60, 2.5/60, 5/60, 10/60, 15/60, 20/60, 1/100, 2.5/100, 5/100, 10/100, 15/100 or 20/100, may be followed by a letter.

**Power conversion equipment, "Whistle Series"** Model(s) WHI may be followed by A, followed by 10/48, 15/48, 20/48, 1/60, 2.5/60, 5/60, 10/60, 15/60, 20/60, 1/100, 2.5/100, 5/100, 10/100, 15/100 or 20/100, may be followed by a letter, with or without suffix SOL.

**Power conversion equipment** Model(s) Banjo-04/200, Banjo-1/200, Banjo-12/100, Banjo-12/60, Banjo-2/100, Banjo-2/200, Banjo-4/100, Banjo-4/200, Banjo-5/60, Banjo-6/200, Banjo-8/100, Banjo-8/60, Bassoon-1/230, Bassoon-3/230, Bassoon-5/230, Bassoon-6/230, Cello-10/100, Cello-10/200, Cello-10/60, Cello-15/100, Cello-15/200, Cello-15/60, Cello-15RMS/100, Cello-15RMS/200, Cello-15RMS/60, Cello-2/200, Cello-3/100, Cello-30/100, Cello-30/60, Cello-5/60, Cello-6/200

CLA followed by 5/55, 15/55, 3/100, 10/100, 2/200, 6/200, 15/100, 15/200 or 25/50, may be prefixed by P or PP, may be suffixed by X.

COR may be followed by A, followed by 1/230, 3/230, 5/230, 7/230, 9/230, 1/460, 3/460 or 6/460, may be followed by a letter.

FLU 10/100+, FLU 10/60+, FLU 15/100+, FLU 15/200+, FLU 15/55+, FLU 15/60+, FLU 2/200+, FLU 25/50+, FLU 25/60+, FLU 3/100+, FLU 5/55+, FLU 5/60+, FLU 6/200+, Harmonica-04/200, Harmonica-1/200, Harmonica-12/100, Harmonica-12/60, Harmonica-2/100, Harmonica-2/200, Harmonica-4/100, Harmonica-4/200, Harmonica-5/60, Harmonica-6/200, Harmonica-8/100, Harmonica-8/60, PIC 10/100+, PIC 15/100+, PIC 15/200+, PIC 15/55+, PIC 2/200+, PIC 25/50+, PIC 3/100+, PIC 5/55+, PIC 6/200+, Trumpet-10/100, Trumpet-10/200, Trumpet-10/60, Trumpet-15/100, Trumpet-15/200, Trumpet-15/60, Trumpet-15RMS/100, Trumpet-15RMS/200, Trumpet-15RMS/60, Trumpet-2/200, Trumpet-3/100, Trumpet-5/60, Trumpet-6/200

TUB may be followed by A, followed by 12/230, 15/230, 20/230, 12/460, 15/460 or 20/460, may be followed by a letter.

VIO 10/100+, VIO 10/60+, VIO 15/100+, VIO 15/200+, VIO 15/55+, VIO 15/60+, VIO 25/50+, VIO 25/60+, VIO 5/60+, VIO 6/200+

**Tambourine Series** Model(s) TAM-20/120, TAM-20/230, TAM-20/36, TAM-20/480, TAM-20/60

**Trombone Series** Model(s) TRO-1/400 (a), TRO-12/400 (a), TRO-12/800 (a), TRO-16/400 (a), TRO-6.1/400 (a), TRO-6/400 (a), TRO-8/800 (a), TRO-R11/800 (a), TRO-R16/800 (a), TRO-R17/400 (a), TRO-R22/400 (a)

## Investigated to UL 61800-5-1

**Open type, Converter (DC-AC)** Model(s) DC-WHI may be followed by A, followed by 1/100, 2.5/100, 3/100, 5/100, 10/100, 15/100, or 20/100.

G-BEL may be followed by R, followed by 1/100, 2.5/100, 3/100, 5/100, 10/100, 15/100, 20/100, 3/200, 6/200, 9/200, or 10/200, followed by E or S.

G-CLA may be followed by R, followed by 1/100, 2.5/100, 3/100, 5/100, 10/100, 15/100, 3/200, 6/200, 9/200, or 10/200, may be followed by E, S, or F.

G-DCBEL may be followed by R, followed by 1/100, 2.5/100, 3/100, 5/100, 10/100, 15/100, 3/200, 6/200, 9/200, or 10/200, may be followed by E, S, or F.

G-DCWHI may be followed by R, followed by 1/100, 2.5/100, 3/100, 5/100, 10/100, 15/100, 20/100, 3/200, 6/200, 9/200, or 10/200, may be followed by E, S, T, or G.

G-DUO may be followed by R, followed by 0101/100, 0202/100, 0303/100, 0505/100, 1010/100, 1515/100, 2020/100, 0303/200, 0606/200, 0909/200, or 1010/200, followed by E or S.

G-SOLHOR may be followed by R, followed by 1/100, 2.5/100, 3/100, 5/100, 10/100, 15/100, 20/100, 3/200, 6/200, 9/200, or 10/200, may be followed by E, S, T, or G.

G-SOLWHI may be followed by R, followed by 1/100, 2.5/100, 3/100, 5/100, 10/100, 15/100, 20/100, 3/200, 6/200, 9/200, or 10/200, may be followed by E, S, T, or G.

G-WHI may be followed by R, followed by 1/100, 2.5/100, 3/100, 5/100, 10/100, 15/100, 20/100, 3/200, 6/200, 9/200, or 10/200, may be followed by E, S, T, or G.

**Open type, DC Drive** Model(s) CAN may be followed by R, followed by 2/48, 25/50, 5/55, 10/55, 15/55, 1/60, 2/60, 3/60, 4/60, 5/60, 6/60, 10/60, 12/60, 15/60, 20/60, 25/60, 1/100, 2/100, 3/100, 4/100, 5/100, 6/100, 10/100, 12/100, 15/100, 20/100, 25/100, 30/100, 45/100, 1/200, 2/200, 3/200, 4/200, 5/200, 6/200, 10/200, 12/200 or 15/200, may be followed by suffix, followed by G.

FLU may be followed by R, followed by 2/48, 25/50, 5/55, 10/55, 15/55, 1/60, 2/60, 3/60, 4/60, 5/60, 6/60, 10/60, 12/60, 15/60, 20/60, 25/60, 1/100, 2/100, 3/100, 4/100, 5/100, 6/100, 10/100, 12/100, 15/100, 20/100, 25/100, 30/100, 45/100, 1/200, 2/200, 3/200, 4/200, 5/200, 6/200, 10/200, 12/200 or 15/200, may be followed by suffix, followed by G.

G-BEE may be followed by R, followed by 2/48, 25/50, 5/55, 10/55, 15/55, 1/60, 2/60, 3/60, 4/60, 5/60, 6/60, 10/60, 12/60, 15/60, 20/60, 25/60, 30/60, 50/60, 1/100, 2/100, 3/100, 4/100, 5/100, 6/100, 10/100, 12/100, 15/100, 20/100, 25/100, 30/100, 45/100, 50/100, 1/200, 2/200, 3/200, 4/200, 5/200, 6/200, 10/200, 12/200 or 15/200, may be followed by S, E, may be followed by E, R, may be followed by suffix.

G-SOLBEE may be followed by R, followed by 2/48, 25/50, 5/55, 10/55, 15/55, 1/60, 2/60, 3/60, 4/60, 5/60, 6/60, 10/60, 12/60, 15/60, 20/60, 25/60, 30/60, 50/60, 1/100, 2/100, 3/100, 4/100, 5/100, 6/100, 10/100, 12/100, 15/100, 20/100, 25/100, 30/100, 45/100, 50/100, 1/200, 2/200, 3/200, 4/200, 5/200, 6/200, 10/200, 12/200 or 15/200, may be followed by S, E, may be followed by E, R, may be followed by suffix.

G-SOLTWI may be followed by R, followed by 2/48, 25/50, 5/55, 10/55, 15/55, 1/60, 2/60, 3/60, 4/60, 5/60, 6/60, 10/60, 12/60, 15/60, 20/60, 25/60, 30/60, 50/60, 1/100, 2/100, 3/100, 4/100, 5/100, 6/100, 10/100, 12/100, 15/100, 20/100, 25/100, 30/100, 45/100, 50/100, 1/200, 2/200, 3/200, 4/200, 5/200, 6/200, 10/200, 12/200 or 15/200, may be followed by S, E, may be followed by E, R, may be followed by suffix.

G-TWI may be followed by R, followed by 2/48, 25/50, 5/55, 10/55, 15/55, 1/60, 2/60, 3/60, 4/60, 5/60, 6/60, 10/60, 12/60, 15/60, 20/60, 25/60, 30/60, 50/60, 1/100, 2/100, 3/100, 4/100, 5/100, 6/100, 10/100, 12/100, 15/100, 20/100, 25/100, 30/100, 45/100, 50/100, 1/200, 2/200, 3/200, 4/200, 5/200, 6/200, 10/200, 12/200 or 15/200, may be followed by S, E, may be followed by E, R, may be followed by suffix.

PIC may be followed by R, followed by 2/48, 25/50, 5/55, 10/55, 15/55, 1/60, 2/60, 3/60, 4/60, 5/60, 6/60, 10/60, 12/60, 15/60, 20/60, 25/60, 1/100, 2/100, 3/100, 4/100, 5/100, 6/100, 10/100, 12/100, 15/100, 20/100, 25/100, 30/100, 45/100, 1/200, 2/200, 3/200, 4/200, 5/200, 6/200, 10/200, 12/200 or 15/200, may be followed by suffix, followed by G.

RAV may be followed by R, followed by 2/48, 25/50, 5/55, 10/55, 15/55, 1/60, 2/60, 3/60, 4/60, 5/60, 6/60, 10/60, 12/60, 15/60, 20/60, 25/60, 1/100, 2/100, 3/100, 4/100, 5/100, 6/100, 10/100, 12/100, 15/100, 20/100, 25/100, 30/100, 45/100, 1/200, 2/200, 3/200, 4/200, 5/200, 6/200, 10/200, 12/200 or 15/200, may be followed by suffix, followed by G.

ROB may be followed by R, followed by 2/48, 25/50, 5/55, 10/55, 15/55, 1/60, 2/60, 3/60, 4/60, 5/60, 6/60, 10/60, 12/60, 15/60, 20/60, 25/60, 1/100, 2/100, 3/100, 4/100, 5/100, 6/100, 10/100, 12/100, 15/100, 20/100, 25/100, 30/100, 45/100, 1/200, 2/200, 3/200, 4/200, 5/200, 6/200, 10/200, 12/200 or 15/200, may be followed by suffix, followed by G.

VIO may be followed by R, followed by 2/48, 25/50, 5/55, 10/55, 15/55, 1/60, 2/60, 3/60, 4/60, 5/60, 6/60, 10/60, 12/60, 15/60, 20/60, 25/60, 1/100, 2/100, 3/100, 4/100, 5/100, 6/100, 10/100, 12/100, 15/100, 20/100, 25/100, 30/100, 45/100, 1/200, 2/200, 3/200, 4/200, 5/200, 6/200, 10/200, 12/200 or 15/200, may be followed by suffix, followed by G.

**Open type, Industrial, AC Drive** Model(s) G-BAS may be followed by R, followed by 1, 3, 6, or 10, followed by 120 or 230.

G-OBO may be followed by R, followed by 1/230, 3/230, 6/230, 10/230, 13/230, 1/480, 3/480, 6/480 or 10/480, may be followed by S,F,E, may be followed by E, R, may be followed by suffix

G-TUB may be followed by R, followed by 20, 25, 30, 40, or 45, followed by 230 or 480

**Open type, Industrial, Converter (DC-AC)** Model(s) G-DRU may be followed by R, followed by 35, 50, 70, or 100, followed by 400 or 800.

G-EAG may be followed by R, followed by 35, 50, 70, or 100, followed by 400 or 800.

SOL-HOR may be followed by 15/48, 20/48, 1/60, 2.5/60, 5/60, 10/60, 15/60, 20/60, 1/100, 2.5/100, 3/100, 5/100, 10/100, 15/100, 20/100, 3/200, 6/200, 9/200 or 10/200.

**Open type, Industrial, DC Drive** Model(s) G-CEL may be followed by R, followed by 20/48, 25/48, 35/48, 45/48, 75/48, 20/60, 25/60, 35/60, 45/60, 50/60, 75/60, 20/100, 25/100, 35/100, 50/100, 3/200, 6/200, 10/200, 17/200, 20/200, 25/200 or 30/200, may be followed by E, S, T, or G.

G-DRU may be followed by R, followed by 70/48, 90/48, 70/60, 90/60, 50/100, 60/100, 75/100, 100/100, 150/100, 35/200, 60/200 18/400, 20/400, or 26/400, may be followed by E, S, T, or F.

G-EAG may be followed by R, followed by 70/48, 90/48, 70/60, 90/60, 50/100, 60/100, 75/100, 100/100, 150/100, 35/200, 60/200 18/400, 20/400, or 26/400, may be followed by E, S, T, or F.

G-GUT may be followed by R, followed by 20/48, 25/48, 35/48, 45/48, 75/48, 20/60, 25/60, 35/60, 45/60, 50/60, 75/60, 20/100, 25/100, 35/100, 50/100, 3/200, 6/200, 10/200, 17/200, 20/200, 25/200 or 30/200, may be followed by E, S, T, or G.

G-HAK may be followed by R, followed by 20/48, 25/48, 35/48, 45/48, 75/48, 20/60, 25/60, 35/60, 45/60, 50/60, 75/60, 20/100, 25/100, 35/100, 50/100, 3/200, 6/200, 10/200, 17/200, 20/200, 25/200 or 30/200, may be followed by E, S, T, or G.

G-SOLGUT may be followed by R, followed by 20/48, 25/48, 35/48, 45/48, 75/48, 20/60, 25/60, 35/60, 45/60, 50/60, 75/60, 20/100, 25/100, 35/100, 50/100, 3/200, 6/200, 10/200, 17/200, 20/200, 25/200 or 30/200, may be followed by E, S, T, or G.

G-SOLHAK may be followed by R, followed by 20/48, 25/48, 35/48, 45/48, 75/48, 20/60, 25/60, 35/60, 45/60, 50/60, 75/60, 20/100, 25/100, 35/100, 50/100, 3/200, 6/200, 10/200, 17/200, 20/200, 25/200 or 30/200, may be followed by E, S, T, or G.

**Open type, Industrial, Inverter (AC-DC)** Model(s) TAM-100, followed by 120, 230, 420, 460, or 480.

# - May be prefixed with SOL.

(a) - with or without prefix SOL- or DC-

\* - May be followed by SOL.

+ - May be followed by K.

Marking: Company name and model designation.

Last Updated on 2019-11-11

---

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions:

1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings).
2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2020 UL LLC"