



MAGNETEK
ELEVATOR

HPV[®] 600



HPV 600 - AC ELEVATOR DRIVE

The HPV 600 is an AC elevator drive offering the same reliability and performance as our other elevator drives. Combining open and closed-loop motor control, the HPV 600 maintains superior performance. It is a versatile and economic solution for moderately sized gear elevators.

OPEN-LOOP/CLOSED-LOOP SWITCHABLE

SUPERIOR CLOSED-LOOP CONTROL

...Offering same superior closed-loop performance features as HPV 900 on a compact power platform

UPLOAD/DOWNLOAD SOFTWARE

...Eases programming and parameter archiving

OPTION CARDS AVAILABLE

- Incremental Encoder Feedback for closed-loop motor control
- RS-422 Serial Channel for serial drive communication
- RS-485 Serial Channel for serial drive communication
- Two Analog Output Channels

SAME LOOK AND FEEL AS THE HPV 900

...same handheld operator and identical software as the HPV 900

**... the Same Superior Performance in a
Smaller Package**

HPV® 600 AC ELEVATOR DRIVE PRODUCT DATA

| Rated Input Voltage | Rated (HP) | Rated (kW) | Continuous Output Current Rating (A) | 150% Output Current for 60 sec (A) | 200% Maximum Output Current for 5sec (A) | Height | Width | Depth | Weight |
|---------------------|------------|------------|--------------------------------------|------------------------------------|--|-----------------|-----------------|-----------------|------------------|
| 380V to 480V | 10 | 7.5 | 18 | 27 | 36 | 15in (390mm) | 10in (250mm) | 8in (200mm) | 22lbs (10kg) |
| | 15 | 11 | 24 | 36 | 48 | | | | |
| | 20 | 15 | 34 | 51 | 68 | 19in (460mm) | 13in (320mm) | 11in (265mm) | 70lbs (32 kg) |
| | 25 | 18 | 39 | 58.5 | 78 | | | | |
| 200V to 240V | 7.5 | 5.5 | 28 | 42 | 56 | 13in (320mm) | 8in (200mm) | 8in (200mm) | 18lbs (8kg) |
| | 10 | 7.5 | 35 | 52.5 | 70 | 15in (390mm) | 10in (250mm) | 8in (200mm) | 22lbs (10kg) |
| | 15 | 11 | 47 | 70.5 | 94 | | | | |
| | 20 | 15 | 60 | 90 | 120 | 19in (460mm) | 13in (320mm) | 11in (265mm) | 70lbs (32kg) |

- All ratings at 50/60Hz and 10 kHz carrier frequency, based on a geared elevator application
- All models include internal dynamic brake IGBT
- Operating temperature: - 10°C (14°F) to 50°C (120°F)
- Standards: CE

I/O TERMINALS

- One (9) programmable logic input
- Analog input channel
- Four (4) programmable open-collector logic outputs
- Two (2) programmable relay outputs

OPTION CARDS

- Incremental Encoder Feedback for closed-loop induction motor control
- RS-422/RS-485 Serial Channel for serial drive communication
- Two (2) Analog Output Channels

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