

Unipower[®] HPL110

System Specification Worksheet

Step-by-Step Ordering

- 1** Determine and note the mains supply voltage to be used and select the appropriate Unipower from Table 1.
- 2** Determine the full load amperage for the motor and select the appropriate current transformer, if any, from Table 2.
- 3** Determine the installation strategy for the Unipower and select mounting accessories to suit.
 Note: both the Unipower HPL110 and optional current transformer are suitable for mounting on standard 35mm DIN rail; it is quite common to mount the Unipower inside the power distribution panel or motor starter enclosure without requiring any separate enclosure.
- 4** Check off your system from the list below.



| Catalog No. | Description | Price | Quantity |
|-----------------------------|---------------------------------------|-------|----------|
| Unipower | | | |
| HPL110/220 | HPL110 for 3 x 220VAC | \$485 | |
| HPL110/380 | HPL110 for 3 x 380VAC | \$485 | |
| HPL110/460 | HPL110 for 3 x 460VAC | \$485 | |
| HPL110/575 | HPL110 for 3 x 575VAC | \$485 | |
| HPL110/S24 | HPL110 for 1 x 110/220VAC | \$535 | |
| Current Transformer | | | |
| HF3A050/5 | Current transformer ratio 50:5 | \$37 | |
| HF3A075/5 | Current transformer ratio 75:5 | \$40 | |
| HF3A100/5 | Current transformer ratio 100:5 | \$40 | |
| HF3A150/5 | Current transformer ratio 150:5 | \$40 | |
| 741B0230/6 | Pair of base plate fittings | \$2 | |
| 741B0231 | Pair of 35 mm DIN rail fittings | \$4 | |
| Mounting Accessories | | | |
| UPE.14MINI | NEMA4X enclosure for HPL unit only | \$45 | |
| FP1067U | Mounting feet for UPE.14MINI | \$4 | |
| UPE.14CH50 | NEMA4X enclosure kit (50A max.) | \$128 | |
| MB1067U | Mounting feet for UPE. 14CH50 | \$6 | |
| UPR.14K50 | 35mm DIN rail mounting kit (50A max.) | \$37 | |

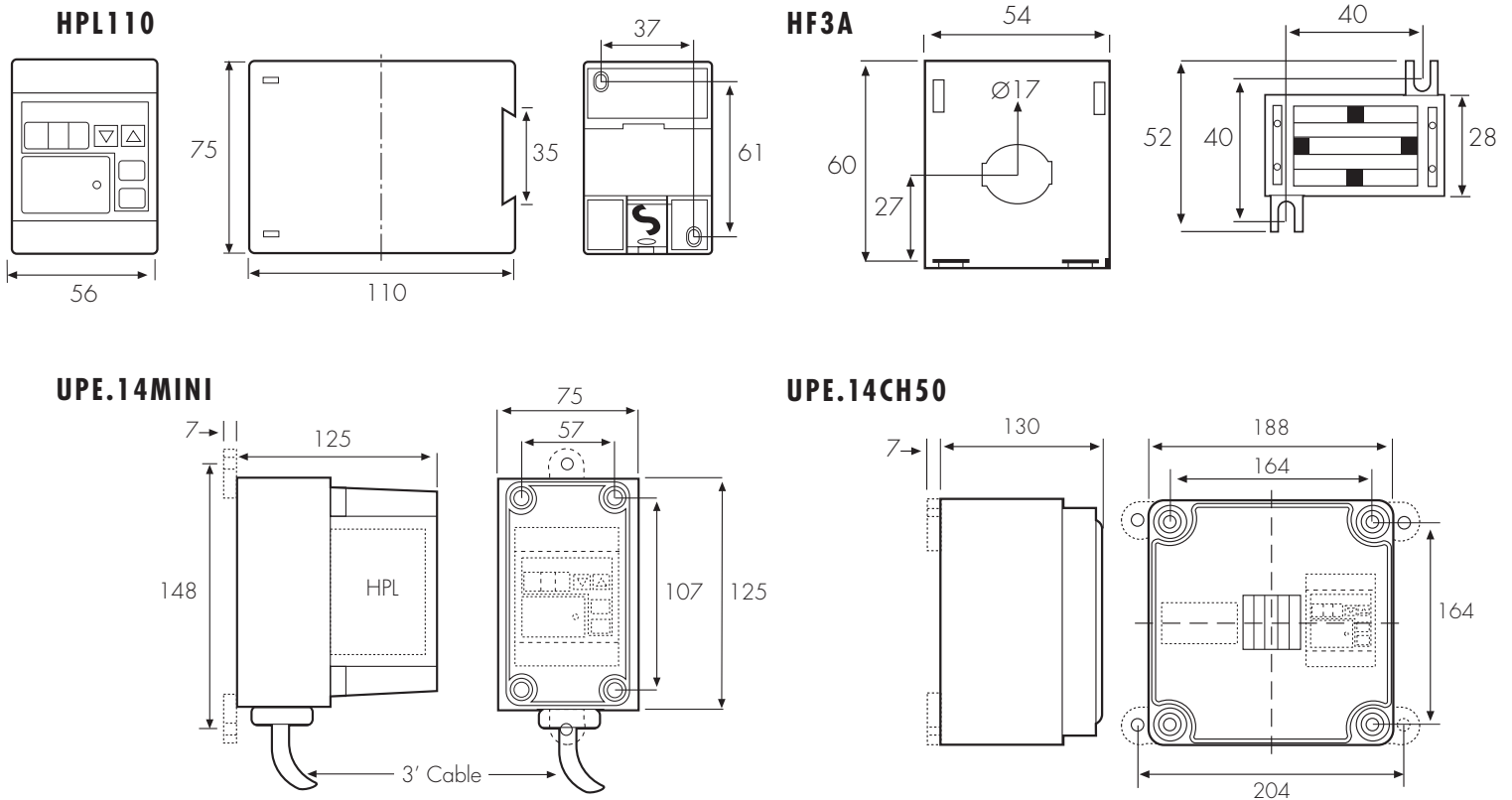
Table 1: Unipower HPL110 Voltage Ranges

| Catalog No | Use for 50/60 Hz Mains |
|------------|---|
| HPL110/220 | 3-phase 208/220/230/240 VAC |
| HPL110/380 | 3-phase 380/415 VAC |
| HPL110/460 | 3-phase 460/480 VAC |
| HPL110/575 | 3-phase 575/600 VAC |
| HPL110/S24 | Single phase, 110/120 and 208/220/230 VAC |

Table 2: Current Transformer Selection Guide

| Current Transformer | Max Amperage | Estimated Motor Full Load Power (HP) | | | | | |
|---------------------|--------------|--------------------------------------|----------|----------|----------|----------|----------|
| | | 3 x 220V | 3 x 380V | 3 x 460V | 3 x 575V | 1 x 110V | 1 x 220V |
| None | 8 | 3.5 | 6 | 7.5 | 9 | 1 | 2 |
| 50:5 | 50 | 21 | 37 | 45 | 57 | 5.5 | 11 |
| 75:5 | 75 | 32 | 56 | 68 | 85 | 8.5 | 16 |
| 100:5 | 100 | 43 | 75 | 91 | 113 | 11 | 22 |
| 150:5 | 150 | 65 | 112 | 136 | 170 | 16 | 33 |

Mounting Dimensions



WENtechnology

8411 Garvey Drive / Suite 117
 Raleigh, North Carolina 27616
 (919) 954-1004 / Fax (919) 954-1009
 www.wentec.com

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