



Serie: CFW-10

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This addendum provides the cables and fuses used, in order to meet UL requirements, in the installation of the frequency inverter CFW-10 (in according with 3.2.3 item of the User's Guide Frequency Inverter CFW-10).

3.2.3 Wiring and Fuses for Power and Grounding

Provide at least 0.25 m (10 in) spacing between low voltage wiring and drive/motor cables. For instance: PLC's, temperature monitoring devices, thermocouples, etc.

All power wiring (copper) shall be rated for 75 °C (167 °F).

Input fuses:

- Use Fuses at the input for the protection of the inverter rectifier and wiring.
- In order to meet UL requirements, use fuses at the inverter supply with a current not higher than the values of table 3.3.

Table 3.3: Recommended wire cross-section and circuit-breakers - use [75 °C([167 °F])] copper wires only

Rated Inverter Current [A]	Motor Wiring [mm ²]	Grounding Wiring [mm ²]	Power Cables [mm ²]	Maximum Cables [mm ²]	Circuit-Breaker		Fuse (A)
					Current	WEG Model	
SINGLE-PHASE MODELS							
1.6 (200-240 V)	1.5	2.5	1.5	2.5	6	MPW25-6.3	6
1.6 (110-127 V)	1.5	2.5	1.5	2.5	10	MPW25-10	15
2.6 (200-240 V)	1.5	2.5	1.5	2.5	10		10
2.6 (110-127 V)	1.5	2.5	2.5	2.5	16	MPW25-16	20
4.0 (200-240 V)	1.5	2.5	1.5	2.5	16		15
4.0 (110-127 V)	1.5	4.0	2.5	4.0	20	MPW25-20	25
7.3 (200-240 V)	2.5	4.0	2.5	4.0	20		25
10.0 (200-240 V)	2.5	4.0	4.0	4.0	25	MPW25-25	25
THREE-PHASE MODELS							
1.6 (200-240 V)	1.5	2.5	1.5	2.5	2.5	MPW25-2.5	6
2.6 (200-240 V)	1.5	2.5	1.5	2.5	6.3	MPW25-6.3	6
4.0 (200-240 V)	1.5	2.5	1.5	2.5	10	MPW25-10	10
7.3 (200-240 V)	2.5	4.0	2.5	4.0	15	MPW25-15	15
10.0 (200-240 V)	2.5	4.0	4.0	4.0	20	MPW25-20	25
15.2 (200-240 V)	4.0	4.0	4.0	4.0	25	MPW25-25	25