

Table of specifications

MC type Magnetic Contactors



| Frame size | | | | 22AF | | | |
|--|------------------------|--------------------|----|--------------------------|--------|--------|---------|
| Type | screws clamp terminals | | | MC-9b | MC-12b | MC-18b | MC-22b* |
| Number of poles | | | | 3pole | | | |
| Rated operational voltage, Ue | | | | 690V | | | |
| Rated insulation voltage, Ui | | | | 690V | | | |
| Rated frequency | | | | 50/60Hz | | | |
| Rated impulse withstand voltage, Uimp | | | | 6kV | | | |
| Maximum operating rate in operating cycles per hour(AC3) | | | | 1800 operations per hour | | | |
| Durability | Mechanical | | | 15 mil. operations | | | |
| | Electrical | | | 2.5 mil. operations | | | |
| Current and power | AC-1, Thermal current | A | | 25 | 25 | 32 | 40 |
| | AC-3 200/240V | kW | | 2.5 | 3.5 | 4.5 | 5.5 |
| | | A | | 11 | 13 | 18 | 22 |
| | 380/440V | kW | | 4 | 5.5 | 7.5 | 11 |
| | | A | | 9 | 12 | 18 | 22 |
| | 500/550V | kW | | 4 | 7.5 | 7.5 | 15 |
| | | A | | 7 | 12 | 13 | 20 |
| | 690V | kW | | 4 | 7.5 | 7.5 | 15 |
| | | A | | 6 | 9 | 9 | 18 |
| | UL rating (50/60Hz) | Continuous current | | A | 25 | 25 | 40 |
| Single phase | | 110~120V | HP | 0.5 | 0.75 | 1 | 2 |
| | | 220~240V | HP | 1.5 | 2 | 3 | 3 |
| | | 200~208V | HP | 2 | 3 | 5 | 7.5 |
| Three phase | | 220~240V | HP | 3 | 5 | 7.5 | 10 |
| | | 440~480V | HP | 5 | 7.5 | 10 | 15 |
| | | 550~600V | HP | 7.5 | 10 | 15 | 20 |
| NEMA size | | | 00 | 00 | 0 | 1 | |
| Size and weight | AC control | Weight | kg | 0.34 | | | |
| | | Size(W×H×D) | mm | 45×73.5×86 | | | |
| | DC control | Weight | kg | 0.51 | | | |
| | | Size(W×H×D) | mm | 45×73.5×117.7 | | | |
| Auxiliary(standard) | | | | 1a1b | | | |
| Auxiliary | Side mount | | | UA-1 | | | |
| | Front mount | | | AU-2, AU-4 | | | |

