YASKAWA

# Data sheet
## PS M07- Power supply (M07-2BA00)

### Technical data

| Order no. | M07-2BA00 |
|---|---|
| Type | PS M07- Power supply |
| Module ID | - |
| **General information** | |
| Note | - |
| Features | Input AC 120-240 V<br>Output 24V DC 1.5 A 36 W<br>Efficiency > 89 % |
| **Technical data power supply** | |
| Input voltage (rated value) | AC 120...240V |
| Input voltage (permitted range) | AC 90...264 V |
| Mains frequency (rated value) | 50...60 Hz |
| Mains frequency (permitted range) | 47...63 Hz |
| Input current (at 120 V) | 0.9 A |
| Input current (at 230 V) | 0.6 A |
| Inrush current (at 25 °C) | 30 A |
| $I^2t$ | - |
| Power consumption typ. | 41 W |
| Output voltage (rated value) | 24 V |
| Output current (rated value) | 1.5 A |
| Power supply parallel switchable | - |
| Protect type | short circuits, overload |
| Ripple of output voltage (max.), BW=20 MHz | 25 mV |
| Efficiency typ. | 88 % |
| Power loss typ. | 5 W |
| **Status information, alarms, diagnostics** | |
| Status display | yes |
| Interrupts | no |
| Process alarm | no |
| Diagnostic interrupt | no |
| Diagnostic functions | no |
| Diagnostics information read-out | none |
| Supply voltage display | none |
| Group error display | none |
| Channel error display | none |
| **Housing** | |
| Material | PC / PPE GF10 |
| Mounting | Profile rail 35 mm |
| **Mechanical data** | |
| Dimensions (WxHxD) | 35 mm x 88 mm x 71 mm |
| Net weight | 155 g |
| Weight including accessories | 155 g |
| Gross weight | 170 g |


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All data with reservation and subject to change.
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| Environmental conditions | |
|---|---|
| Operating temperature | 0 °C to 60 °C |
| Storage temperature | -40 °C to 80 °C |
| **Certifications** | |
| UL certification | yes |
| KC certification | - |
| UKCA certification | yes |
| ChinaRoHS certification | yes |


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