

Date : Apr.26,2011

Temperature increase of main components: 主要部品温度上昇

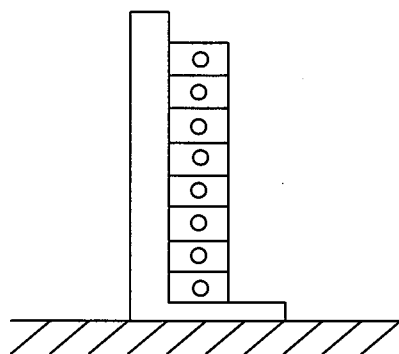
Model: MMC100B

1. Conditions

- (1) Input : AC 85 ~ 132[V]
- (2) Output : Rated output
- (3) Mounting method :

2. Result

| No. | Parts name              | Symbol No. | Increase ( $\Delta T$ ) |    |    |    | Rated temp. [°C] | Reference      |
|-----|-------------------------|------------|-------------------------|----|----|----|------------------|----------------|
|     |                         |            | [deg]                   |    |    |    |                  |                |
|     |                         |            | -1                      | -2 | -3 | -4 |                  |                |
| 1   | Line Filter             | L1         | 46                      | 47 | 41 | 42 | 120              |                |
| 2   | Input Diode             | SS1        | 66                      | 68 | 65 | 66 | 150              | Junction Temp. |
| 3   | Switching Transistor    | TR1        | 59                      | 56 | 51 | 54 | 150              | Junction Temp. |
| 4   | Transformer             | T1         | 54                      | 56 | 54 | 55 | 120              |                |
| 5   | Rectified Diode(Output) | SS51       | 57                      | 58 | 55 | 45 | 150              | Junction Temp. |
| 6   | Rectified Diode(Output) | SS52       | 45                      | 45 | 44 | 45 | 150              | Junction Temp. |
| 7   | Rectified Diode(Output) | SS53       | 69                      | 65 | 64 | 66 | 150              | Junction Temp. |
| 8   | Output Choke            | L51        | 49                      | 45 | 45 | 39 | 120              |                |
| 9   |                         |            |                         |    |    |    |                  |                |
| 10  |                         |            |                         |    |    |    |                  |                |
| 11  |                         |            |                         |    |    |    |                  |                |
| 12  |                         |            |                         |    |    |    |                  |                |
| 13  |                         |            |                         |    |    |    |                  |                |
| 14  |                         |            |                         |    |    |    |                  |                |
| 15  |                         |            |                         |    |    |    |                  |                |
| 16  |                         |            |                         |    |    |    |                  |                |
| 17  |                         |            |                         |    |    |    |                  |                |
| 18  |                         |            |                         |    |    |    |                  |                |
| 19  |                         |            |                         |    |    |    |                  |                |
| 20  |                         |            |                         |    |    |    |                  |                |



(Side view)

Fig.1.1 Mounting method  
(Normal position)

\*All information presented herein are not guaranteed.

\*本資料は参考資料であり、その内容を保証するものではありません。