

# M-Series

High Current, 1-stage, with standard mtg.

12704 W. Arden Place  
Butler, WI 53007 USA

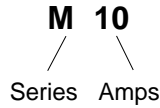
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## Part Number System



## Agency Approvals:



| Part Number | Current Rating Amps | Schematic |
|-------------|---------------------|-----------|
|-------------|---------------------|-----------|

|            |    |  |
|------------|----|--|
| <b>M10</b> | 10 |  |
| <b>M20</b> | 20 |  |
| <b>M30</b> | 30 |  |
| <b>M40</b> | 40 |  |

## Electrical Specs

Rated Voltage: 250VAC 50/60 Hz.  
Rated Current: @ 40° C

Hipot Rating:  
Line to Ground: 1500 VAC, 1 min.  
Line to Line: 1450 VDC, 1 min.

Climatic Category: HPF (25/085/21)

Maximum leakage current:  
each line to ground  
@ 115 VAC 60 Hz 1.4ma  
@ 250 VAC 60 Hz 3.4ma

Minimum insertion loss — dB (50 ohm circuit)

| Current Rating | Mode         | Frequency - MHZ |     |    |    |    |    |    |
|----------------|--------------|-----------------|-----|----|----|----|----|----|
|                |              | .05             | .15 | .5 | 1  | 5  | 10 | 30 |
| 10             | Common       | 24              | 39  | 58 | 59 | 60 | 65 | 57 |
|                | Differential | --              | 65  | 65 | 65 | 65 | 65 | 65 |
| 20             | Common       | 22              | 38  | 58 | 59 | 60 | 65 | 57 |
|                | Differential | --              | 65  | 65 | 65 | 65 | 65 | 65 |
| 30             | Common       | 17              | 30  | 48 | 55 | 57 | 65 | 53 |
|                | Differential | --              | 65  | 65 | 65 | 65 | 65 | 65 |
| 40             | Common       | 12              | 25  | 42 | 52 | 54 | 65 | 51 |
|                | Differential | --              | 65  | 65 | 65 | 65 | 65 | 65 |

## Mechanical Specs

Construction: Metal case with stud terminals. Internal components and terminations sealed with self-extinguishing wax.

Dimensions: inches  
(mm)

Connections: #10-32 Studs

