

2.2 Product Matrix : Discretes Modules

The full Hitachi IGBT line up is carefully designed to meet a wide range of user needs.

(There are future plans for a further expansion of this line up.)

Table 15 : Total IGBT Product Range

| Ratings | | 10 | 15 | 20 | 30 | 50 | 60 | 75 |
|-------------|-------------|----|----|----|----|----|----|----|
| Voltage (V) | Current (A) | | | | | | | |

DISCRETES

| | | | | | | | | |
|------|---------|----------|------------|----------|----------|---------|---------|--|
| 450 | | | | | GN4530C | | | |
| 600 | GN6010A | GN6015A | GN6020C | GN6030C | GN6050E | | GN6075E | |
| 900 | | | | | | GN9060E | | |
| 1200 | | GN12015C | | GN12030E | GN12050E | | | |
| 1700 | | | * GN17020E | | | | | |

Ratings

| Ratings | | 50 | 60 | 75 | 100 | 150 | 200 | 300 | 400 |
|-------------|-------------|----|----|----|-----|-----|-----|-----|-----|
| Voltage (V) | Current (A) | | | | | | | | |

SINGLE-ARM

| | | | | | | | | |
|------|--|--|--|--|--|-----------|-----------|----------|
| 600 | | | | | | | MBN300A6 | MBN400A6 |
| 1200 | | | | | | MBN200F12 | MBN300F12 | |

SINGLE-PHASE (DUAL PACK)

| | | | | | | | | |
|------|----------|--|----------|-----------|-----------|----------|----------|--|
| 600 | MBM50A6 | | MBM75A6 | MBM100A6 | MBM150A6 | MBM200A6 | MBM300A6 | |
| 1200 | MBM50F12 | | MBM75F12 | MBM100F12 | MBM150F12 | | | |

THREE-PHASE (SIX PACK)

| | | | | | | | | |
|------|----------|--|---------|----------|--|--|--|--|
| 600 | MBB50A6 | | MBB75A6 | MBB100A6 | | | | |
| 1200 | MBB50F12 | | | | | | | |

* Under Development

