## POWER DIODES

| SC | xx | xxxx | xx | xx | xx |
|---|---|---|---|---|---|
| (1) | (2) | (3) | (4) | (5) | (6) |

(1)- SEMICODE product identifier (SC)
(2)- Type identifier:

| | |
|---|---|
| DN | Standard polarity stud & flat base rectifier diode (cathode to stud) |
| DR | Reverse polarity stud & flat base rectifier diode (anode to stud) |
| DP | Standard press-pack diodes |

(3)- Medium current identifier value.
(4)- Type range:

| | |
|---|---|
| N | Standard diode |
| F | Fast diode |
| A | Avalanche diode |
| S | Schottky diode |

(5)- Reverse voltage ($V_{RRM}$/100)
(6)- Special variations, i.e. terminal type (see specific product datasheet)

## POWER THYRISTORS

| SC | xx | xxxx | xx | xx | xx |
|---|---|---|---|---|---|
| (1) | (2) | (3) | (4) | (5) | (6) |

(1)- SEMICODE product identifier (SC)
(2)- Type identifier:

| | |
|---|---|
| TN | Stud & flat base thyristor (anode to stud) |
| TP | Press-pack thyristor |

(3)- Medium current identifier value.
(4)- Type range:

| | |
|---|---|
| N | Standard thyristor |
| F | Fast thyristor |
| A | Asimmetric thyristor |
| O | G.T.O. |

(5)- Reverse voltage ($V_{RRM}$/100)
(6)- Special variations, i.e. terminal type (see specific product datasheet)

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## POWER MODULES

| SC | xx | xxxx | xx | xx | xx |
|---|---|---|---|---|---|
| (1) | (2) | (3) | (4) | (5) | (6) |

(1)- SEMICODE product identifier (SC)
(2)- Type identifier:

| | |
|---|---|
| DM | Single diode module |
| TM | Single thyristor module |
| DD | Diode-diode modules |
| TT | Thyristor-thyristor module |
| TD | Thyristor-diode module |

(3)- Medium current identifier value.
(4)- Type range:

| | |
|---|---|
| N | Standard diode / thyristor |
| F | Fast diode / thyristor |
| A | Avalanche diode |
| S | Schottky diode |

(5)- Reverse voltage ($V_{RRM}$/100)
(6)- Special variations, i.e. terminal type (see specific product datasheet)

## POWER IGBT

| SC | xx | xxxx | xx | xx | xx |
|---|---|---|---|---|---|
| (1) | (2) | (3) | (4) | (5) | (6) |

(1)- SEMICODE product identifier (SC)
(2)- Type identifier:

| | |
|---|---|
| IM | Single IGBT module |
| ID | Dual IGBT module |
| IX | Six-pack IGBT module |
| IH | Half bridge IGBT module |
| IT | Boost chopper IGBT module |
| IK | Buck chopper IGBT module |
| IF | Full-bridge IGBT modules |
| IB | Converter brake inverter module |

(3)- Medium current identifier value
(4)- Type range:

| | |
|---|---|
| N | Standard type |
| F | Fast (high speed) |

(5)- Reverse voltage ($V_{RRM}$/100)
(6)- Special variations, i.e. with NTC (see specific product datasheet)

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