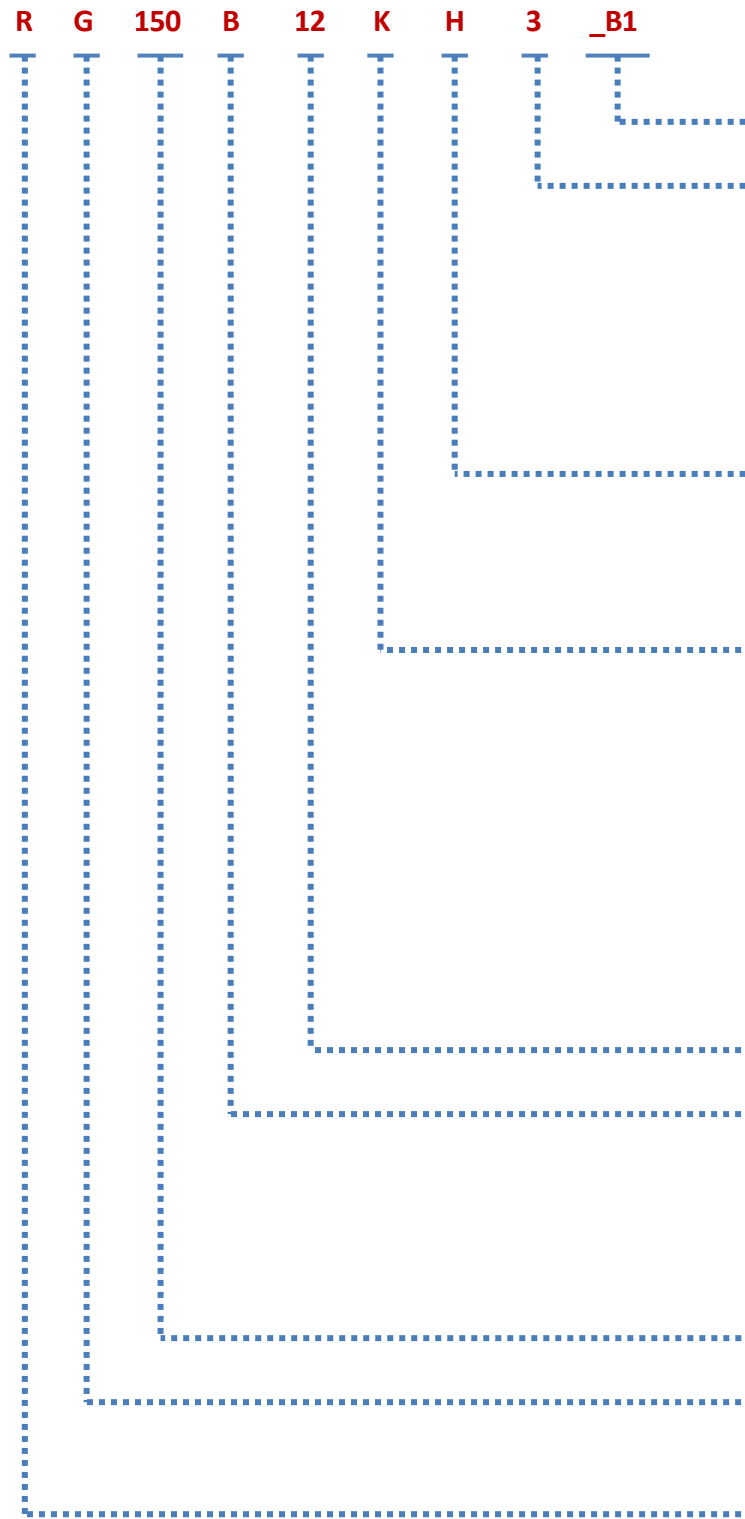


# Type definition

## Power modules



### example for an IGBT module

#### Additional coding (if necessary)

#### IGBT Chip Technology:

- 1: Planar gate + NPT
- 2: Trench gate + NPT
- 3: Planar gate + FS
- 4: Trench gate + FS

#### Chip Type:

- L: Low speed; M: Medium speed
- H: High speed; U: Ultrafast speed

#### Package Type:

- M: EconoDUAL 3
- A1/A2/A6: HP1/HP2/HPD
- R: 34mm; K: 62mm
- W1: Easy 1B; W2: Easy 2B
- N2: EconoPACK/PIM 2
- N3: EconoPACK/PIM 3

**VCES: 12 \* 100V = 1200V**

#### Circuit Topology:

- A: Single switch; B: Half bridge
- D: H bridge; F: 3 phase full bridge
- P: PIM (rectifier + break + inverter)

**max. DC-collector current (A)**

#### Device type:

- G: IGBT; D: Diode; M: MOSFET

**RedPower 【瑞迪】**