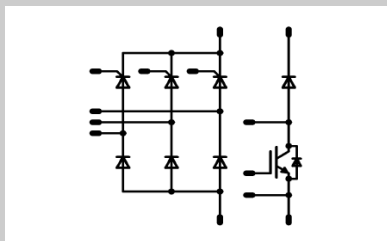




## Power Modules



flowCON 2

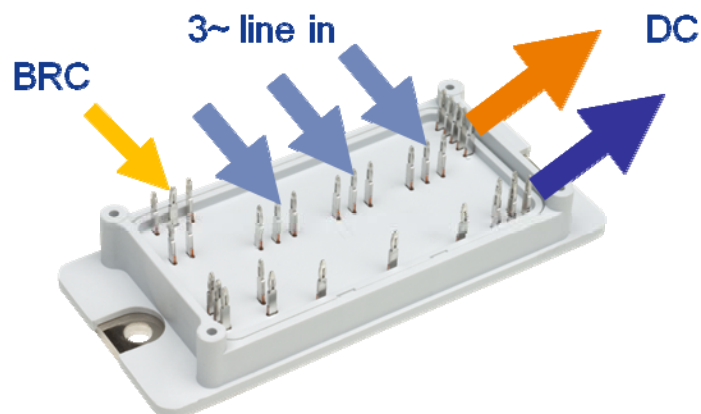


Schematics

# flowCON 2: New rectifier module with a brake chopper featuring the latest chip technology

Vincotech is extending its **flowCON 2** based, 3-phase half controlled rectifier modules with an integrated brake chopper featuring the latest generation of chip. The new **flowCON 2** (V23990-P690-G12-PM) is equipped with 1600 V, 170 A rectifier diodes. The brake chopper, in turn, comes with an 1200 V, 100 A IGBT and antiparallel protection diode. In combination with the flowPACK 2 module, it can operate drive applications up to 50 kW.

These modules' **power flow** has been designed to optimize PCB layouts. Featuring Press-fit technology for easy and flexible mounting onto the PCB, the module also provides high current capability.





## Power Modules

### **flowCON 2 power module**

<i>Part. no.:</i>	<i>Voltage</i>	<i>Current</i>	<i>Technology</i>
<b>V23990-P690-G12-PM</b>	1200 V	100 A	<b>3-phase input rectifier with BRC</b>

General features:

- 3-phase half controlled rectifier bridge, 1600 V / 170 A
- Brake chopper, 1200 V / 100 A
- *flow 2* with 17 mm housing
- Optimized power flow
- Press-fit pins for easy and reliable mounting

A **flowCON 2** datasheet is available at Vincotech's website:

<http://download.vincotech.com/power/documents/V23990-P690-G12-14.pdf>