

POWERSEM, anuncia nuevos puentes rectificadores de potencia, con perfil de 17mm, creciendo en esta exitosa familia de productos

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POWERSEM, distribuido por Venco Electrónica, anuncia la expansión de su gama de productos, en su exitosa familia de puentes rectificadores de potencia, con perfil de 17mm.

Ver noticia adjunta



POWERSEM
Gesellschaft für Halbleiterbauelemente und Elektronik mbH

POWERSEM GmbH announces the expansion of its successful bridge rectifier modules with a smaller profile height of 17mm. In addition to **PSDS 62** (63A at 110°C) und **PSDS 82** (88A at 110°C), POWERSEM offers now two more three-phase bridge rectifier modules:

PSDS 63 (75A at 100°C)
PSDS 83 (100A at 100°C)

Within the single-phase rectifier modules, POWERSEM introduces the following modules with the same parameters:

PSBS 62 (52A at 100°C)

PSBS 63 (60A at 100°C)

PSBS 82 (72A at 100°C)

PSBS 83 (88A at 100°C)

The portfolio of 17mm height modules is also complemented by more powerful bridge rectifiers with a bigger package

design, such as the following three-phase bridge rectifier modules:

PSDS 112 (127A at 90°C)

PSDS 162 (175A at 90°C)

PSDS 192 (248A at 90°C)

and single-phase bridge rectifier modules:

PSBS 112 (84A at 100°C)

PSBS 162 (122A at 100°C)

PSBS 192 (174A at 100°C).

The 17mm height modules follow the trend in power modules, gradually replacing the old 30mm profile height standard. The new 17mm bridge rectifiers from POWERSEM allow new product designs to be smaller while retaining the same power capacities.

The **mechanical**, **electrical** and **thermal** parameters of the new bridge rectifier modules are the same as their

well-known 30mm predecessor, which ultimately simplifies their use in diverse applications. All new module types

are available with voltages, ranging from 800V to 1800V.

Typical features are:

- low profile height of 17mm, which allows higher packing density
- compatible with the new 17mm industrial standard of power modules
- 14 different possible module types with currents ranging from 52A to 248A with only 2 package designs
- low power losses
- low thermal impedance
- RoHS compliant
- UL applied

Typical applications are:

- Motor Drives
- Uninterruptible Power Supplies (UPS)
- Power Supplies
- Welding Current Sources
- Battery Chargers

POWERSEM is a German manufacturer of high quality Power Semiconductor Modules with more than 20 years experience. Our major products are Bridge Rectifiers, Standard and Fast Recovery Diode Modules, Thyristor Modules, MOSFET and IGBT Modules.



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