

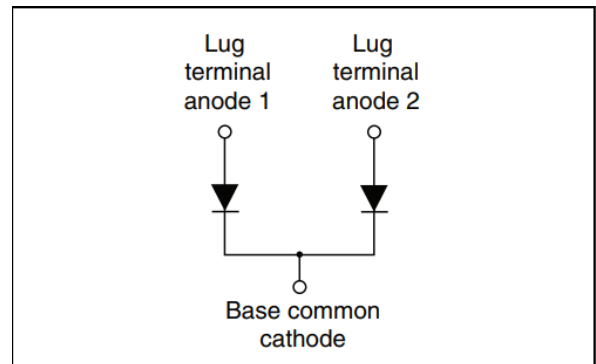


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New 200 V, 400 A TMBS® and FRED Pt® Featuring the Market-Standard TO-244 Package

Vishay has recently expanded its TO-244 product portfolio with two new 200 V, 400 A devices featuring Trench MOS Barrier Schottky (TMBS®) and FRED Pt® technologies. The modules are ideally suited for high current, high frequency power converters, and output rectification in applications such as welding, ballast water management systems (BWMS), electrolysis galvanic process systems, and battery chargers.



Device Specification Table

Vishay Part Number	Package	Type	V _{RRM}	I _F	V _F ^(a)
VS-VSUD400CW20	TO-244	Industrial	200 V	2 x 200 A	0.73 V
VS-402CNQ200PbF					0.65 V

Note


^(a) Typical value at I_F = 200 A, T_J = 175 °C



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Features

- Designed for industrial level applications
- T_J max. = 175 °C
- UL approved file E222165 
- Optimized design for reducing snubbing and RFI / EMI phenomena

Applications

- High frequency welding and power converters
- Switching power supplies
- Ballast water management systems (BWMS)
- Electrolysis galvanic process systems
- High power telecom supply systems
- Battery chargers

Samples

Available at the Vishay Sample Service Center (VSSC)

For further information, please contact your regional Vishay office.

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