

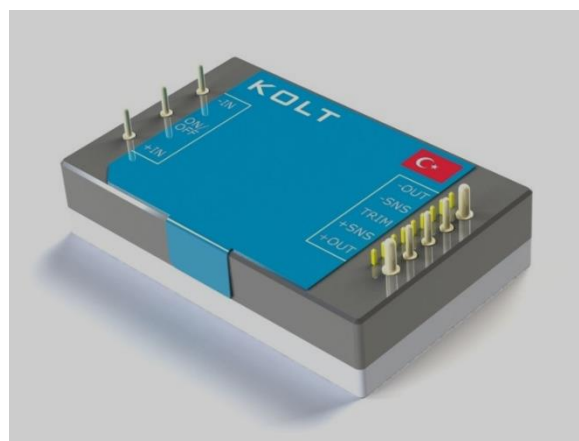
Part Number & Ordering Information*

Family	Input Voltage	Power	Output Voltage	Package	Baseplate	Options
KMBM06	DC270: 250-425 V	P75: 75 W	DC12: 12 V DC15: 15 V DC24: 24 V DC28: 28 V	QB: Quarter Brick	F: Flanged H: Half Threaded	PM: PMBUS

* Full part numbering and options are available in the data sheet. "-" sign shall be placed in between all fields.

Features & Benefits

- Up to 75 W continuous power
- Input UVLO and OVLO protections
- Output over voltage protection
- Output overcurrent protection
- Output short-circuit protection
- Thermal Shutdown
- ON/OFF control
- Trim range +10%, -20%
- Predictable EMI feature due to fixed switching frequency
- No minimum load requirement
- PMBUS pins are only present in PMBUS option



Size: 58.4 x 36.8 x 12.9 mm

Product Description

KMBM06 is an isolated half brick module that operates over a high voltage wide input voltage range from 250 V to 425 V and regulates voltages from 12 V to 28 V with very low ripple. This quarter brick DC-DC converter module delivers up to 75 W.

Designed to Meet

*with EMI filter module

- MIL-STD-461 (D, E, F, G)
- MIL-STD-810

Absolute Maximum Ratings

The absolute maximum ratings below are stress ratings only. Operation at or beyond these maximum ratings may cause permanent to the device.

Parameter	Value
Operating Temperature	-40 to +100 °C
Storage Temperature	-55 to +125 °C

Screening

- Full LOT traceability
- Burn-in at 100 °C baseplate temperature
- Temperature cycling
- Available with different screening grades
- Final visual inspection