

# IOB-05/15 series

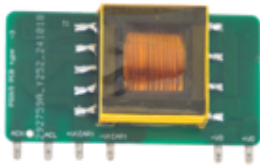

## 5W/15W AC-DC On Board Type Power Module

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The IOB-05/15 series are compact and stable AC-DC on board type power supply module. Key features include: miniaturized design, universal input range of 85~305Vac, ultra-low standby power consumption (<0.15W), -40~+85°C ultra-wide operating temperature range, and comprehensive protection features to ensure reliable operation. It is especially suitable for installation on PCB boards inside space-constrained equipment such as industrial automation systems, power meters, and smart home devices.

Comparison table of the IOB-05/15 and the previously released IRM-05/15:

Series	IOB-05/15	IRM-05/15
Appearance and Installation Method	 Single Inline Vertical	 Dual Inline Horizontal
Case and Potting	N.A	V (dust proof, moisture protection, anti-vibration)
No load power consumption	IOB-05 : <0.15W IOB-15 : <0.25W	< 0.1W
Temperature	-40 ~ +85°C	-30 ~ +85°C
EMC	EN55032 Class A/B with external components	EN55032 Class B without external components

## Key Features

- Miniature size, single inline vertical pins, especially suitable for space-constrained applications
- 85 ~ 305Vac universal range input, suitable for global and N.AME 277Vac operation
- Ultra-low no-load power consumption < 0.15W ~ 0.25W (by model)
- Natural air convection, operation temperature -40 ~ +85°C
- EMC EN55032 Class A/B with external components
- Protections: short circuit, overload, over voltage, over temperature
- Safety marks: CE/UKCA
- 3 year warranty