



PXS-28XXD-30H Dual Output Series High Reliability DC-DC Converters

- ❑ High reliability, small size
- ❑ High power density: 31W/in³
- ❑ Input voltage range: 16VDC to 40VDC
- ❑ Output power: 30W
- ❑ Inhibit and synchronization functions
- ❑ Fully isolated
- ❑ In photoelectric isolation
- ❑ Output over current /short circuit protection
- ❑ DIP metal sealed



DESCRIPTION:

The dual output series module, which adopts Thick-Film microcircuit technology, is a kind of perfect converter with high reliability necessary for some applications such as industry and military. The output voltage is $\pm 12V$ or $\pm 15V$. The output power is 30W. The switching frequency is fixed at 265 KHz to minimize noise. The input filter circuit is designed to reduce the electro- magnetic interference. The typical input voltage is 28 VDC, and the ranges from 16 VDC to 40 VDC. The PXS-28XXD-30H series also provides some control functions such as synchronization, shut down, and over-current and short circuit protection.

BLOCK DIAGRAM:



