

AC-DC switch mode power supply

Features

- Wide range input voltage
- MTBF > 400000 hours at 50 °C
- Lifetime 79000 hours at 50 °C
- Operating temperature range - 40 ÷ 85 °C
- Input fuse protection
- Output short circuit protection
- Low stand-by power
- Compliance to: EN60950, EN55014-1, EN55014-2, EN60730-1, EN60730-2-9, EN61010-1, UL60950, CAN/CSA-C22.2 No. 60950-00
- Electrical test on 100% production
- Protected with resin UL conform, RoHS compliant



Encapsulated

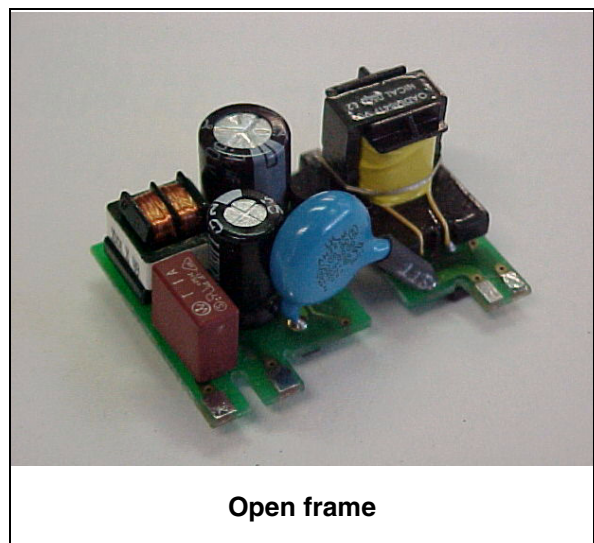
Description

ST's power modules are highly integrated, high efficiency switch mode converters.

The SPAC265-3W isolated series delivers 3 W at 12 V from universal AC input. It is an immediate drop-in solution requiring no additional external circuitry.

The power supply modules are fully encapsulated offline board-mount devices suited for main and auxiliary power requirements in appliance, industrial and communication application.

The open frame version is intended to offer a low-cost version of ST's easy to use, compact size power modules.



Open frame

Table 1. Device summary

Order codes	Package
SPAC265BC12P0.30	Encapsulated
SPAC265FC12P0.30	Open frame

Contents

1	Specifications	3
2	Electrical connection	5
3	Connection diagram	6
4	PCB footprint	7
5	Mechanical dimensions	8
6	Ordering information scheme	10
7	Revision history	11