

SPS-5116A SPS-5116C Multi-line Power Switch

- ✓ Improve reliability of power system of your cable network
- ✓ Make your ordinary power supplies an interactive back-up power system

Power
for your cable and telecommunications systems...
Solutions

Overview

This device is developed on the basis of SPS-2116 Dual-Line Power Switch. SPS-5116A and SPS-5116C can monitor and control 5 power supplies and monitor their operating status at the same time. In the event that one of five power supplies that SPS-5116A or SPS-5116C monitors fails to perform normally, the power switch will automatically get power from a power supply next to the failed one and feed the power to loads of the failed one. This further ensures powering of the entire system.

SPS-5116C is equipped with durable indicators for distant observation. Moreover, both SPS-5116A and SPS-5116C integrate functions of power feed inserter to save operators' investment.

Input voltage range	30 – 90VAC
Operating bandwidth	860MHz (SPS-5116A) 1000MHz (SPS-5116C)
AC current capacity	7A (SPS-5116A) 15A (SPS-5116C)
HUM modulation	≥66dB
Return loss	14dB(860-1000MHz)
Insertion loss	1.5dB(860-1000MHz)
Impedance	75Ω
Dimensions	152x115x74mm(SPS-5116A) 332x158x89mm(SPS-5116C)
Gross weight	0.7kg(SPS-5116A) 3.2kgs(SPS-5116C)

Features

- 5 - 1000MHz broadband operation
- Up to five power supplies monitored and controlled
- Embedded power feed inserter
- 30 to 90VAC wide input voltage range¹
- 15A through current rating¹
- Aluminum alloy powder coated enclosure²
- Full weather seal with strand clamp for outdoor applications²
- Woven metallic gasket for RFI shielding requirement²
- 5/8" female connections (both input and output)
 1. Feature(s) available on SPS-5116C only.
 2. Feature(s) available on SPS-5116A only. Housing of SPS-5116C is built of powder coated cold rolled steel plate. Housing of SPS-5116A and the device itself are also designed for outdoor applications.



SPS-5116C



SPS-5116A

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