

ABC-01

Industrial RS-232 RJ45-based Automatic Configuration Backup Solution



Highlights

- Reduce system down time without extra power input
- Plug-n-Play system backup and restoration
- Front notes for identification
- Compact, rugged and reliable design
- Support MOXA EDS series managed switches



Features

- RS-232 RJ45 console port connection
- Complete configuration storage for one switch
- Automatic loading of system configuration after system reboot
- Manual loading and saving of system configuration through web console
- Portable low-power design that requires no power supply
- CE and FCC approval

Introduction

ABC-01 can save and load the configuration of a MOXA EDS series managed switch via the switch's RS-232 console port. ABC-01 thus makes it easier to manage the backup of system parameters or replacement of a switch. With the assistance of the ABC-01, users

can quickly re-install a substitute switch (of the same model) and/or recover the entire system configuration, including IP address, if a switch failure occurs.

Specifications

Operation

Connectors: RS-232 RJ45 port
Power Requirement: 3 to 5 VDC, power input via RS-232 RTS
Configuration: via MOXA EDS managed switch's web console

Mechanical

Casing: PVC molding, IP40
Dimension: (W x H x D): 32.5 x 97 x 12 mm
Weight: 50 g
Installation: M4 screw (< 4 mm)
Cable Length: 35 cm, including connectors

Environmental

Operating Temperature: 0 to 60°C (32 to 140°F)
Storage Temperature: -20 to 70°C (-4 to 158°F)
Ambient Relative Humidity: 5 to 95 % (non-condensing)

Regulatory Approvals

EMI: FCC Part 15, CISPR (EN55022) class A
EMS: EN61000-4-2 (ESD), level 3
 EN61000-4-3 (RS), level 3
 EN61000-4-4 (EFT), level 3
 EN61000-4-5 (Surge), level 3
 EN61000-4-6 (CS), level 3

Warranty

5 years

Ordering Information

ABC-01: RS-232 RJ45-based Automatic Backup Configurator, 0 to 60°C