

Lantech IPES-0005A-12V (IP67/IP43)

EN50155/ E-mark certificate and ISO 7637 compliance

Provides M12 connector with IP67 / 43 rated protection

IEEE802.3at/af up to 30W PoE output

12V power input boost to 48V output

Optional 72V/110V input steps down to 48V output for IEEE 802.3at/af max.80W

Wide Operating Temperature from -40°C to 75°C

Wide range redundant power inputs

Lantech IPES-0005A-12V (IP67/IP43) is a 5 10/100 Base-TX with M12-connector unmanaged industrial switch for IP67/IP43 rated protection, which meets the high reliability requirements demanded by industrial rolling stock applications.

The IPES-0005A-12V (IP67/IP43) supports IEEE802.3at/af standard which can feed HI-power up to 30W at each PoE port for big power consumption devices like PTZ IP camera, High power wireless AP etc. The IPES-0005A-12V is able to take 12/24V input and boost to 48V output for PoE feeding in vehicle use with IEEE802.3at/af standard up to 30W per PoE port with maximum 80W output. 72V/110V input model can feed 48V PoE at max 80W.

The IPES-0005A-12V (IP67/IP43) is designed to meet with critical network environment with IP67/IP43 enclosure and M12 connectors for protection against dust and water. The IPES-0005A-12V (IP67/IP43) have passed harsh environmental testing to comply with Industrial EMI and Safety standards as well as stability testing such as Free fall, Shock, and Vibration. For a greater flexibility in application the IPES-0005A-12V (IP67/IP43) supports an extended operating temperature range from -40°C to 75°C.

The IPES-0005A-12V (IP67/IP43) is EN50155/ 50121-3-2/ 50121-4 certificate (railway applications), EN45545-2 R24 Fire & Smoke certificate and E-Mark certificate, making the switch suitable for various industrial rolling stock applications. Special design to meet with ISO 7637* standard that is able to cope with cranking voltage and load dump test is ideal for truck or bus applications.



