



CUSTOMER ISSUE

The biggest benefit of 3-phase alternating current (AC) power is improved performance because there are fewer lulls in the power supplied, and tools/machinery run more smoothly allowing their wear to be monitored.

Another benefit of 3-phase power is the ability to deliver nearly twice the power of single-phase systems without requiring twice as many wires, reducing cables and component costs.

It is mandatory to create and maintain highquality automation standards to ensure that all automatic controls work perfectly.

OUR SOLUTION

The SPDE 2/3 Phase power supply series is extremely compact thus facilitating installation in tight spaces.

All the 240 W 3Phase models are only 54 mm wide.

The SPDE 2/3 Phase models come with DC OK relay contact indication.

These devices feature built-in PFC (240 W 2Ph / 480 W 3Ph) which ensures high operating efficiency up to 95.6%.

The SPDE 2/3 Phase series has universal input range with AC voltage, (2-Ph -Single and two phase - 180 VAC to 600 VAC and 3-Ph - Dual-phase operation possible - 320 VAC to 600 VAC) or with DC voltage (2-Ph 254 VDC to 848 VDC and 3-Ph 450 VDC to 850 VDC), and a wide operating temperature range (up to -40°C to +70°C / -40°F to 158°F) with derating starting from 60°C (140°F) for most models.

Subject:

Reliable and flexible automation solution for production lines

Industry:

Manufacturing machinery

Product: SPDE 2/3 PHASE SERIES

Customer: **OEMs**

BENEFITS

- Takes up less panel space
- Wide selection of power outputs (120/240/480 W)
- 4 power ranges, 3 enclosures:
 120 W 2Ph 41 mm wide
 240 W 2Ph 54 mm wide
 240 W 3Ph 54 mm wide
 480 W 3Ph 80 mm wide
- Wide selection of voltage outputs (24/48 VDC)
- Works with different AC/DC power supply voltages
- Short Circuit, Over Current, Over Voltage, Over Temperature output protections
- PFC (240 W 2Ph/480 W 3Ph)
- DC OK Relay contact
- PC monitoring and remote control functions (only SPDE..4803R)
- Green LED for status indication
- Voltage output adjustment
- Efficiency up to 95.6%
- Insulation voltage 4 kVAC
- Overvoltage category III (120/240 W)Wide operating temperature range
- (up to -40°C to +70°C / -40°F to 158°F)
 Derating starting from 60°C
- CE, UKCA, UL 61010 approved