

The Solution for Large Centralised Systems

Adjacent to PoDs, iSTS Model K feeds a single level of distribution or are used in pairs to improve availability in dual corded distribution systems.

Ideally suited for corridors and computer rooms with just 400mm in depth.



Key features

- Fuseless design
- Built-in transient voltage protection
- UPS Eco-Mode compatible
- Safe asynchronous source transfers
- Very high MTBF (>800,000 hours)
- LED mimic decal with graphic LCD interface
- One touch transfers
- Visual and sound alarm
- Integrated web server
- Remote operation
- High-level interface - MODBUS, SNMP
- Email alerts
- Clock synchronisation with NTP
- Mechanically interlocked circuit breakers Maintenance bypass
- Redundant fan cooling
- High fault current capacity
- 5 x voltage free contacts & remote inputs
- Easy front access for maintenance
- Australian designed & manufactured

Available options

- Top entry



Current rating	1Ph: 630A max 3Ph: 630A max
Voltage rating	All region-specific voltages selectable $\pm 10\%$
Type	1-Phase/2-Pole, 3-Phase/3-Pole or 3-Phase/4-Pole
Frequency	50Hz and 60Hz, $\pm 10\%$ - Auto detection
Transfer type	Break-Before-Make zero current transfer by Thyristors / SCR
Synchronous break time	<1ms - asynchronous break time up to $\frac{1}{4}$ cycle
MTBF	>800,000 hours
Maintenance bypass	5 Mechanically interlocked circuit breakers
Isolation	Incoming sources and output isolator switches
Display	Bi-colour LED mimic decal with graphic backlit LCD display and information interface
Interface	Preferred supply selection, Source transfer selection and Alarm cancel button
Contact	2 Self wetting transfer control inputs 5 Voltage free change-over status indicators, Form C
Ethernet	HTTP, SNMP, MODBUS TCP, Email & NTP
Input options	Terminals M10 via gland plate
Output options	Terminals M10 via gland plate
Dimensions H x W x D	1900 x 800 x 400mm
Weight	195kg - 295kg
Temperature	0 – 45°C
IP rating	IP21
Detection	Digital: <1ms
Asynchronous break time	0ms, 10ms, 50ms or Vt proportional, 0° to 180°
Loading	0 - 100% @45°C ambient
Device ratings	1800A _{RMS} @28kA 1 cycle
Overload @40°C ambient	125% for 10min 4kA for 1s 150% for 30s 8kA for 0.1s 28kA for 1 cycle
Fault current setting	350% peak with load fault transfer inhibit
Safe install environment	28kA for 1 cycle - Fuseless design
Protection	Circuit breakers
Power factor	No practical limit
Max THDV	10% - Max allowable source voltage distortion
Crest factor	3.5 : 1
dV/dt max	800V/ μ s
Cooling	Redundant fans
Humidity @40°C ambient	5 – 95% non-condensing
Regulatory approvals	IEC 62310-1,2,3 - IEC 60950 - IEC 61000-6-1,2,3,4 – CE – RCM - UL Capable - RoHS
Standard warranty	24 months offsite repair or replacement policy

Specifications are subject to change without notice