

The Compact Solution

The Model B4w is a high-power capacity static transfer switch with a hot-socket field replaceable power module. This model is ideal for high power installations with the convenience of wall mounting. Perfectly adapted to large power surge or motor and transformer start up.



Key features

- Wall mounted
- Built-in transient voltage protection
- UPS Eco-Mode compatible
- Safe asynchronous source transfers
- Very high MTBF (>800,000 hours)
- LED mimic decal with graphic OLED interface
- One touch transfers
- Visual and sound alarm
- Integrated web server
- Remote operation
- High-level interface - MODBUS, SNMP
- Email alerts
- Clock synchronisation with NTP
- Incoming source isolator switches
- Integrated maintenance bypass with hot socket field replaceable power module
- Fixed wiring to input & output terminals for cable up to 70mm²
- 5 x Voltage free contacts & remote inputs
- Australian designed & manufactured

Available options

- Colour touch LCD interface



Current rating	1Ph: 250A max 3Ph: 160A 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 ¼ cycle
MTBF	>800,000 hours
Maintenance bypass	3-position overlapping, no-break CAM switch with hot socket field replaceable power module
Isolation	Incoming sources isolator switches
Display	Bi-colour LED mimic decal with graphic OLED 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	Fixed wiring to terminals up to 70mm ² cables via glands
Output options	Fixed wiring to terminals up to 70mm ² cables via glands
Dimensions H x W x D	650 x 483 x 177mm
Weight	38kg
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	250/300A _{RMS} , 1400V, 3.5kA/5kA 1 cycle
Overload @40°C ambient	125% for 10min 200% for 1s 150% for 30s 300% for 0.1s 5kA for 1 cycle
Fault current setting	350% peak with load fault transfer inhibit
Safe install environment	20kA, 300A internally fused
Protection	300A fuses – aR-NGT00
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