

protection and control

- LEGEND**
 ✓ Conventional
 ✗ IEC 61850 Capable
 ✓✗ Both Conventional & IEC 61850 Capable

PRODUCTS/SERVICES

SUPPLIERS

	ABB Australia 1300 782 527	Alstom Grid 1300 ALSTOM	Ampcontrol 61 2 4961 9000	Arthur D. Riley 64 4 472 7614	Bri-Tech 61 8 9270 6200	CABAC Power 1800 769 370	Chase Power 61 7 3822 8000	CSE-Semaphore 61 3 8544 8544	CSE-Uniserve 61 2 8853 4200	Dynamic Ratings 61 3 9574 7722	EA Technology 61 7 3899 9988	EATON 1300 332 866	EnerTel 61 2 9615 9117	GE 61 3 8807 6654	Insulect Australia www.insulect.com	Martec Asset Solutions 61(0)430 149 665	Maxon Australia 61 2 8707 3000	OMICRON electronics 61 3 9466 7655	ORION NZ Ltd 64 274 334 484	Power Parameters 61 3 9450 1500	Rod Hughes Consulting 61 8 7127 6357	Quasar Systems 64 3 343 9150	SATEC (Australia) 61 2 4774 2959	Schneider Electric 1300 369 233	SMS Omni-feed 1300 662 987	Sunstate Electrical 61 7 3488 0412	TE Connectivity Crompton 1300 656 090	Thales www.thalesgroup.com.au	Warsash Scientific 61 2 9319 0122
Fixed Voltage & Current Detectors	✓	✓✗					✓																✓✗						✓
Protection Relays		✓✗	✓				✓	✓	✓	✓	✓	✓	✓	✓	✓								✓✗	✓✗					
Accurate Distance to Fault		✓✗						✓						✓	✓								✓✗	✓✗					
Advisory/Consulting/Specification	✓	✓✗						✓		✓				✓							✓✗		✓✗						
Arc Eliminator	✓							✓						✓					✓										
Arc Protection	✓	✓✗						✓						✓					✓					✓✗					
Auto Reclose	✓✗	✓✗	✓✗					✓				✓		✓	✓									✓✗					
Auto Synchronising	✓✗	✓	✓✗					✓				✓		✓	✓									✓✗					
AUX Trip and Timer	✓	✓						✓				✓		✓										✓✗					
Breaker Failure	✓	✓✗						✓						✓	✓									✓✗					
Busbar Protection	✓✗	✓✗						✓				✓		✓	✓									✓✗					
Capacitor Bank	✓	✓	✓✗					✓					✓	✓	✓									✓✗					
Check Synchronising	✓✗	✓✗						✓						✓	✓									✓✗			✓		
Collapse Prediction	✓	✓						✓						✓										✓					
Current Differential	✓✗	✓✗						✓						✓	✓									✓✗					
Digital Distribution	✓✗	✓						✓						✓	✓									✓					
Digital Feeder	✓✗	✓						✓						✓	✓									✓					
Distance Protection	✓✗	✓✗						✓						✓	✓									✓✗					
Distribution Feeder O/C	✓✗	✓	✓✗					✓						✓	✓									✓✗					
Earth Fault Overcurrent	✓✗	✓	✓✗					✓			✓			✓	✓				✓					✓✗			✓		
Feeder Management	✓✗	✓✗						✓						✓	✓								✓✗	✓✗					
Feeder Protection Monitor	✓✗	✓						✓						✓	✓									✓					
Generator Excitation	✓✗	✓✗						✓			✓			✓	✓									✓✗					
Generator Protection	✓✗	✓✗	✓✗					✓			✓			✓	✓									✓✗			✓		
High Impedance Feeder Protection	✓✗	✓✗						✓						✓	✓									✓✗					
Motor Management	✓✗	✓✗						✓			✓			✓	✓									✓✗			✓		
Phase Failure	✓✗	✓✗						✓			✓			✓	✓									✓✗			✓		
Pilot Wire Differential	✓✗	✓✗						✓						✓	✓									✓✗					
Railway Protection	✓	✓													✓									✓					
Restricted Earth Fault	✓✗	✓✗						✓			✓			✓	✓									✓✗					
Sensitive Earth Fault	✓✗	✓✗	✓✗					✓			✓			✓	✓									✓✗			✓		
System Protection	✓✗	✓✗						✓			✓			✓	✓									✓✗			✓		
Test Blocks	✓	✓												✓										✓					
Transformer Differential	✓✗	✓✗	✓✗					✓						✓	✓									✓✗					
Volt/Frequency/Overfluxing	✓✗	✓✗						✓			✓			✓	✓									✓✗					
Voltage Selection	✓✗	✓✗						✓			✓			✓	✓									✓✗					
132kV InterTie Protection-Directional	✓✗	✓✗						✓						✓	✓									✓✗					
Wind Generator Protection	✓✗	✓✗						✓							✓									✓✗					
Relay Test Equipment								✓							✓			✓		✓									
Silca Gel & Breathers																										✓			
Substation Automation	✓✗	✓✗	✓✗				✓							✓			✓						✓✗	✓✗					✓
Control Units	✓✗	✓✗	✓✗				✓	✓						✓										✓✗					
Field	✓✗	✓✗	✓✗				✓	✓						✓										✓✗					
Remote	✓✗	✓✗	✓✗				✓	✓						✓	✓									✓✗					
Station	✓✗	✓✗	✓✗				✓	✓						✓			✓							✓✗					

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Control Room Systems	✓✗	✓✗							✓					✓																		
IEC 60870		✓						✓						✓										✓								
DNP 3		✓						✓						✓									✓✗	✓								
IEC 61850	✗	✗		✓✗					✓					✓	✓						✓✗		✓✗	✓✗								
Engineering Tools	✓✗	✗							✓					✓	✓					✓✗	✓✗			✓✗								
Integration	✓✗	✗							✓					✓							✓✗			✗								
System Design	✓✗	✗							✓					✓							✓✗			✗								
Industrial Networks	✓✗	✗							✓															✗								
Modems 3G																	✓															
Temperature Sensors							✓			✓					✓																✓	
Time Synchronisation Devices		✓							✓													✓		✓								
IRIG-B		✓							✓													✓		✓								
Satellite GPS		✓							✓													✓		✓								
Voltage Regulators			✓	✓	✓	✓										✓																
Transformers with OLTC			✓	✓	✓											✓																
Transformers in Parallel			✓		✓											✓																
Wildlife Outage Systems					✓																						✓✗					

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