



The connection you can count on



DISTRIBUTION

TELECOM

TRANSMISSION

SUBSTATION

PLP SERVICES

RACKTECH

Market Segment	Product Subset	Product Type	Comments
DISTRIBUTION Overhead Line Hardware	Distribution Hardware and Fittings	Terminations and Dead Ends	To suit all Australian conductors
		Suspension and Support	
		Jointing	
		Protection and Vibration Control	
Crossarms	Composite Crossarms	To suit all Australian applications	
	Wildlife Protection	Avian and Animal Deterents	To suit all Australian applications
DISTRIBUTION Insulated Systems	LV ABC	Insulation Piercing Connectors	To suit all Australian cables
		Fused Switch Disconnectors	
		Pre-insulated Lugs and Sleeves	
		Suspension and Strain Clamps	
	HV ABC	Underground Connectors	To suit all Australian cables
		Mid Span Joints	
		Suspension and Strain Clamps	
	CCT	Stringing Rollers	To suit all Australian Cover Conductors – Thick
		Stain Clamps and Covers	
		Compression Joints and Covers	
	Coveredlign (Open Wire Systems)	Stripping Tools	To suit all Medium Voltage Cover Conductors
		Insulators	
		Terminations and Dead Ends	
		Suspension and Support	
	Compactlign (Spacer Systems)	Jointing	To suit all Medium Voltage Cover Conductors
		Hardware and Accessories	
Spacer Brackets			
Terminations and Dead Ends			
DISTRIBUTION Earthing	Distribution Earthing	Earth Rods	Copper Plated (CU), Stainless Steel (SS) and Graphite Rods (GR)
		Connectors	To suit the full range of CU, SS and GR Connectors
		Compounds	Earth 50/50, Earthrite
		Inspection Pit	UV Plastic
DISTRIBUTION Insulators	Distribution	Polymeric	Long Rod and Line Post
		Porcelain	Disc, LV/MV and Line Post
		Glass	Disc
		Cycloaliphatic	Station Post and Line Post
DISTRIBUTION Switchgear	Outdoor Switchgear	Disconnecter Pole Top (Air Break)	Side Break
		Switch Pole top (Air Break)	Load Break (Side)
		Vertical Rocker	Horizontal and Vertical Single Break
		Air Break Switch	Horizontal and Vertical Single Break
		MV Link	Single Break Disconnecter
DISTRIBUTION Protection and Control	Distribution Protection	Relays	Automation of Auto-Reclosers
		Surge Arresters	Polymeric
		Recloser (3 Phase)	Vacuum
		Sectionalisers	Vacuum
DISTRIBUTION Underground Systems	Pillars and Bases	NER (Neutral Earthing Resistor)	Indoor and Outdoor
		Polyethylene	Pillar
		Fibreglass	Pillar
	Pits and Lids	Concrete	Base
		Panels, Busbars and Wedge Links	Set configuration or customised network design, plug and play modular system
		Tools and Accessories	Spanners, Locks and Hardware
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	Cable Accessories	Polyethylene	Pit
		Polycrrete	Pit
		Steel, Concrete and Plastic	Lids
		Kit Connections	Submersible Connectors – customised kits
		Tools and Accessories	Spanners, Locks and Hardware
		LV and MV Terminations	Hybrid, Cold Applied and Plug-in Technology
		LV and MV Joints	Hybrid and Cold Applied Technology
	MV Link Boxes	Connectors	LV and MV Compression, Shearbolt Lugs and Links
		LV Resin Solutions	Branch Joints, T-Joints and Y-Joints
LV Heatshrink and Moulded Parts		Complete range of Heatshrink Tubes and extensive range of Boots and End Caps	
Cable Clamps and Cleats		Full range of Single, Double and Tri-Foil Configurations	
Signage and Labelling	Link Box	Direct Earth and Cross Bonding	
	Everlast Signs and Asset Markers	Wide range available for marking network assets – the only solution to be UL laboratory tested for 40 years without fading	
TELECOM Products	Fibre Networks	Fibre Optic Splice Closures	ADSS, OPGW and Underground
		Wall and Rack Mounted Terminations	Indoor, Outdoor and Pedestal
		Copper Splice Closures	Copper Telecom Cables
	Aerial Line Hardware	Suspension, Vibration Control, Termination Fittings, Storage and Protection	ADSS, OPGW and Figure 8

Market Segment	Product Subset	Product Type	Comments	
TRANSMISSION Overhead Line Hardware	Transmission Hardware and Fittings	Terminations and Dead Ends	To suit all Australian conductors	
		Suspension and Support		
		Jointing		
		Protection and Vibration Control		
		Spacer Systems		
TRANSMISSION Insulators	Transmission	Hardware and Accessories	Long Rod and Line Post	
		Polymeric		
TRANSMISSION Conductors	Transmission	Porcelain	Disc	
		Glass	Disc	
SUBSTATION Busbar and Fittings	Buslign (Rigid)	Phase Conductors	AAAC/1120, AAAC, AAC, ACSR/GZ.	
		OHEW	SC/GZ, SC/AC	
		OPGW		
		Connections	Bolted and Flexible	
		Terminations and Lugs	Deadend Compression and Pin	
		Spacers and Supports	Fixed and Rolling	
	Sublign (Strung)	Joint Sleeves	Busbar Joint Sleeves	
		End Caps, Palms and Flags	Fabricated and Cast	
		Connections	Bolted and Flexible	
		Terminations and Lugs	Deadend Compression and Pin	
		Spacers and Supports	Fixed and Rolling	
		End Caps, Palms and Flags	Fabricated and Cast	
SUBSTATION Insulators	Protection and Accessories	Grading Rings	Transverse, Suspension and Tension	
		Jointing Compound	Alminox and Alvania	
		Cable Clamps	Single, Triple and Blocks	
SUBSTATION Switchgear	Substation	Earth Mats	Galvanised Steel	
		Porcelain	Station Post	
		Disconnecter	Rotary Double Break	
		Disconnecter and Earth Switch	Rotary Double Break and Single Break	
SUBSTATION Protection and Control	Substation Protection	Independent Earth Switch	Single Break	
		Disconnecter	Roll Over Mechanism	
PLP SERVICES Condition Monitoring	Asset Inspection Services	Recloser (3 Phase)	Vacuum	
		Surge Arresters	Porcelain and Polymeric	
		Relays	Automation of Auto-Reclosers	
	Engineering	NER (Neutral Earthing Resistor)	Indoor and Outdoor	
		Visual Inspections	Distribution and Transmission Lines	
		Additional Inspections	Substation, Solar Power Array, Storm Damage Assessment, Lidar Surveys, Thermal Scan and Custom Projects	
		Mechanical Tests	Tensile and Compression Testing	
		Application Oriented Endurance Tests	Fatigue Testing of Transmission Line In-Span Conductor Spacers	
		Galvanising Measurement	Magnetic Method, Strip and Weigh Method	
		Thermal Shock	Temperature Test on Porcelain Insulators	
		Thermal Endurance	Prolonged Elevated Temperature Test for Spiral Vibration Dampers	
		Vibration Analysis	2 x 30.5m Test Spans equipped to measure Vibration Damper Performance, Vibration Analysis measuring: Damper Mechanical Impedance, Damper Fatigue, Damper Efficiency	
Ultrasound Tests	Ultrasound Flaw			
RACKTECH Cable Enclosures	Engineering	Material Structure Analysis	Microscope	
		Hardness Tests	Brinell at 7.35, 4.9, 9.8 and 29.4kN, Rockwell testing using B and C scales, Vickers, Shore and Barcol	
		Porosity Tests	Integrity Testing of Porcelain Insulators	
		Electrical Testing	60 Channel Data Acquisition Unit capable of 4 cyclic heat cycles max. 2.5kA, Static Tensions up to 150kN, Constant Tension up to 30kN, Micro Ohm measurement of material conductivity	
		Dimensional Tests	Profile Projector, Vernier Callipers, Digital and Analogue Height Indicators, Micrometers, MEL lasers, Go and No-Go Gauges	
		Environmental Electrical Tests	Programmable Environmental Chamber -40°C to 100°C, Tensions up to 100kN and up to 6kV	
		Cyclic Thermal Test	Heat Cycle of Conductors with data logger capability to 240°C	
RACKTECH Cable Enclosures	WR Series	Wall Mounted Cabinets	To suit Asia Pacific installations	
		RTX Series		Pre-configured Cabinets
		RT2 Series		Custom Designed Cabinets
		iQ Series		Premium Quality Cabinets
		Class C and B Series		SCEC Endorsed Cabinets
		IP Series		Internal and External installations
Aisle Containment	Hot and Cold Aisle Containment			