

Electrical Infrastructure

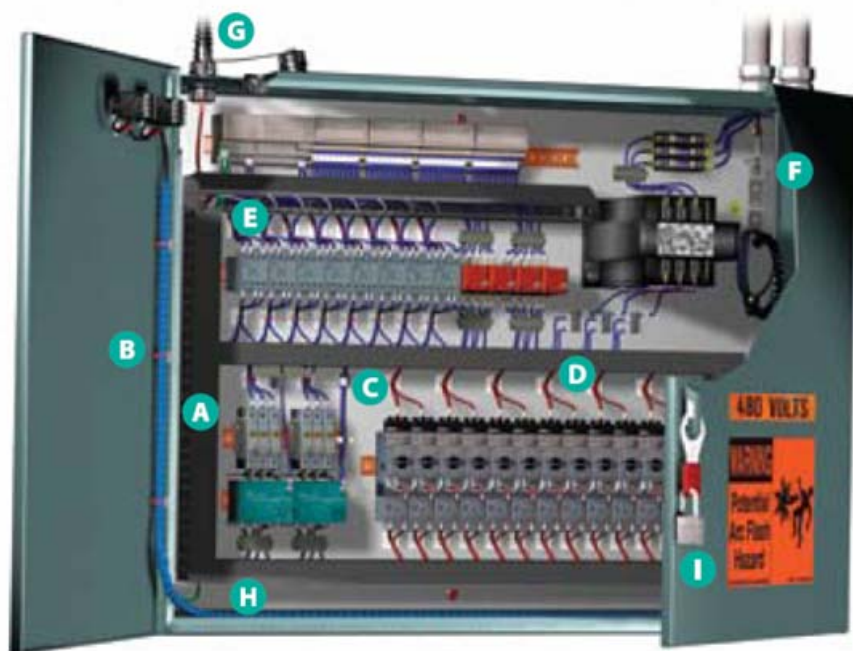
	Nacelle	Hub/ Blade	Tower	Base
 A Control Panel Solution	●	●		●
B Bundling Solution	●	●	●	●
C Tooling Solution	●	●	●	●
D Grounding Solutions	●	●	●	●
E Abrasion Solution	●	●	●	●
F Labeling Solution	●		●	●
G Safety Solution				●
H Harsh Environment Bundling Solution	●		●	
I Terminal Solution	●	●		●
J Cable Routing Solution	●			●

Product	Panduit Solutions	Key Benefits	Area of Application	Key Panduit Products
	<b>Control Panel Solution</b>	<ul style="list-style-type: none"> <li>PANDUIT Control Panel Solution reduces design and assembly time, saves valuable panel space, eases installation and maintenance, and improves manageability and reliability, all contributing to lower cost of ownership.</li> </ul>	<ul style="list-style-type: none"> <li>Nacelle</li> <li>Hub/Blade</li> <li>Base of Tower</li> </ul>	<ul style="list-style-type: none"> <li>PANELMAX™ Corner Wiring Duct</li> <li>PANDUCT™ Hinged Wiring Duct</li> <li>PAN-TY™ Cable Ties</li> <li>PANDUIT™ Cable Accessories</li> <li>PAN-TERM™ Terminals</li> <li>PANDUIT™ Heat Shrink Labels</li> </ul>
	<b>Bundling Solution</b>	<ul style="list-style-type: none"> <li>PANDUIT offers the most extensive selection of cable tie styles, sizes, materials and colors for indoor, outdoor and harsh environment applications. These solutions have been designed and tested for durability and reliability so as to ensure optimum performance over the course of its use.</li> </ul>	<ul style="list-style-type: none"> <li>Nacelle</li> <li>Hub/Blade</li> <li>Base of Tower</li> </ul>	<ul style="list-style-type: none"> <li>PAN-TY™ Weather Resistant and Flame Retardant Cable Ties</li> <li>DURA-TY™ Cable Ties</li> </ul>
	<b>Tooling Solution</b>	<ul style="list-style-type: none"> <li>PANDUIT provides a wide range of ergonomically designed manual or tool controlled tension installation tools that enable quick and reliable installation and provides flush cut-off for a safe installation.</li> <li>Panduit Installation tools are carefully calibrated with its cable ties to optimize its performance for every bundling requirement.</li> </ul>	<ul style="list-style-type: none"> <li>Nacelle,</li> <li>Hub/Blade</li> <li>Tower</li> <li>Base of Tower</li> </ul>	<ul style="list-style-type: none"> <li>PANDUIT™ Nylon &amp; Stainless Steel Cable Tie Installation Tools</li> </ul>
	<b>Grounding Solutions</b>	<ul style="list-style-type: none"> <li>PANDUIT provides a comprehensive line of innovative grounding solutions to protect your equipment and personnel from damage or injury caused by accidental electrical surges, induced current or static electricity, thereby giving you a peace of mind.</li> <li>PANDUIT™ PAN-LUG™ Compression Connectors are the 1st and only to pass the NEBS Level 3 test by Telcordia.</li> </ul>	<ul style="list-style-type: none"> <li>Nacelle</li> <li>Hub/blade</li> <li>Tower</li> <li>Base of Tower</li> <li>Central Control Room</li> </ul>	<ul style="list-style-type: none"> <li>STRUCTUREDGROUND™ Grounding Connectors</li> <li>PAN-LUG™ Compression Connectors</li> </ul>
	<b>Abrasion Solution</b>	<ul style="list-style-type: none"> <li>PANDUIT abrasion protection products provide an economical and easy way to insulate, protect, bundle and color code components and cables in the Wind Turbine in different environments; in-land or off-shore.</li> </ul>	<ul style="list-style-type: none"> <li>Nacelle</li> <li>Hub/blade</li> <li>Tower</li> <li>Basement</li> </ul>	<ul style="list-style-type: none"> <li>PANDUIT™ Heat Shrink Tubing</li> <li>PAN-WRAP™ Split Harness Wrap</li> </ul>
	<b>Labeling Solution</b>	<ul style="list-style-type: none"> <li>PANDUIT labeling solutions are designed to meet all your identification needs, both indoor and outdoor. They are widely used to mark components, identify cables or even as warning signs that will help prevent mishaps. Complement these with PANDUIT range of desktop or hand-held thermal printers to get a comprehensive and cost effective solution.</li> <li>PANDUIT Labeling solutions also provide an assortment of High grade stainless steel marker plates for long term, permanent applications.</li> </ul>	<ul style="list-style-type: none"> <li>Nacelle</li> <li>Tower</li> <li>Base of Tower</li> <li>Central Control Room</li> </ul>	<ul style="list-style-type: none"> <li>PANDUIT™ Heat Shrink Labels</li> <li>PANDUIT Desktop &amp; Handheld Thermal Transfer Printers</li> <li>PAN-STEEL™ Stainless Steel Marker Plates</li> </ul>
	<b>Safety Solution</b>	<ul style="list-style-type: none"> <li>PANDUIT lockout and tagout play an integral part of a complete safety program by effectively isolating energy sources during servicing and maintenance of the wind turbine.</li> </ul>	<ul style="list-style-type: none"> <li>Base of Tower</li> </ul>	<ul style="list-style-type: none"> <li>PANDUIT™ Lockout/Tagout Devices</li> </ul>
	<b>Harsh Environment Bundling Solution</b>	<ul style="list-style-type: none"> <li>PANDUIT™ PAN-STEEL™ System provides a robust, durable method of bundling and fastening which can be used in virtually all indoor, outdoor and underground applications. With its patented anti-slip locking head design, the ties are most suited for use in critical applications where strength, vibration, radiation, weathering, corrosions and extreme temperatures are key concerns.</li> </ul>	<ul style="list-style-type: none"> <li>Nacelle</li> <li>Tower</li> </ul>	<ul style="list-style-type: none"> <li>PAN-STEEL™ Stainless Steel Cable Ties</li> </ul>
	<b>Terminal Solution</b>	<ul style="list-style-type: none"> <li>PANDUIT™ PAN-TERM™ Terminals are designed and manufactured for fast assembly and reliable and consistent performance. Optimum performance is achieved with the extensive line of tooling.</li> </ul>	<ul style="list-style-type: none"> <li>Nacelle</li> <li>Hub/blade</li> <li>Base of Tower</li> </ul>	<ul style="list-style-type: none"> <li>PAN-TERM™ Terminals</li> <li>PANDUIT Termination Tools</li> </ul>
	<b>Cable Routing Solution</b>	<ul style="list-style-type: none"> <li>PANDUIT™ PANDUCT™ Wiring Duct is the premium wire management solution for routing and concealing wiring in electrical control panels.</li> <li>PANDUCT™ Wiring Duct are made with specially formulated material to meet industry flame retardancy requirements and carries a UL94V-0 flammability rating.</li> </ul>	<ul style="list-style-type: none"> <li>Nacelle</li> <li>Base of Tower</li> </ul>	<ul style="list-style-type: none"> <li>PANDUCT™ TYPE NNC HALOGEN FREE WIRING DUCT</li> </ul>
	<b>Industrial Ethernet Solution</b>	<ul style="list-style-type: none"> <li>Designed especially for Ethernet application in harsh conditions caused by factors, including humidity, vibration, dust, chemical pollution and high electromagnetic interference.</li> <li>Provides up to IP67 Grade protection for field data connecting point and equipment inside the telecommunication box, preventing ambient interference from field data collection, and preventing damage to equipment and data.</li> <li>Includes fiber cabling system, copper cabling system, wall-mounted outlet and telecommunication zone box.</li> </ul>	<ul style="list-style-type: none"> <li>Nacelle</li> <li>Base</li> </ul>	<ul style="list-style-type: none"> <li>INDUSTRIALNET industrial Ethernet series</li> </ul>



## Comprehensive Control Panel Solutions

With Panduit's complete range of solutions for wiring and cabling in control panels, as well as copper and fiber connectivity for industrial networks, your business enjoys more flexibility, greater manageability and reliability and lower cost of ownership.



A Wiring Duct



D Labeling Systems



G Industrial Ethernet



B Cable Ties



E Terminals



H Abrasion Protection



C Cable Accessories



F Power and Grounding Connectors



I Lockout / Tagout

