

Mains power protection

Product selector - Service entrance to terminal equipment

		Installation Locations		
Structure configuration - typical		Service entrance - after meter Main Distribution Board (MDB)	Sub Distribution Board (SDB) - located > 10m from MDB	Critical terminal equipment - located > 10 m from SDB
<p>No external lightning protection system LPS fitted, 3 Phase 415V TN-S or TN-C-S mains supply - underground supply feed</p> 	 <p>ESP 415 D1 Series or ESP 415 M1 Series For 3 Phase 415V supplies See pages 11/10 and 11/14</p>	 <p>ESP 415 D1 Series For 3 Phase 415V supplies. See page 11/10.</p>	 <p>ESP MC Series Hospital/Laboratory/Server equipment. See page 11/26.</p>	
<p>No external lightning protection system LPS fitted, 3 Phase 415V TN-S or TN-C-S mains supply - exposed overhead supply feed</p> 	 <p>ESP 415/III/TNS Series or where electronics are located near MDB before SDB use ESP 415 M2 Series See pages 11/6 and 11/12</p>	 <p>ESP 415 M1 Series For 3 Phase 415V supplies. See page 11/14.</p>	 <p>ESP MC/TN/RJ11 Series Fax machines/Modems See page 11/26.</p>	
<p>External lightning protection system LPS fitted, multiple connected metallic services (gas/water/ data/telecom) 3 Phase 415V TN-S or TN-C-S mains supply</p> 	 <p>ESP 415 D1 Series or For 3 Phase 415V supplies ESP 415 M1 Series See pages 11/10 and 11/14</p>	 <p>ESP 240 D1 Series For single phase 240V supplies. See page 11/6.</p>	 <p>ESP MC/Cat-5e Series Computer network hubs See page 11/26.</p>	
<p>External lightning protection system LPS fitted, metallic gas/water/ data/telecom services -unknown 3 Phase 415V TN-S or TN-C-S mains supply</p> 	 <p>ESP 415/I/TNS Series for LPS to LPL level I and II ESP 415/III/TNS Series for LPS to LPL level III and IV or where electronics are located near MDB before SDB use ESP 415 M2 Series for LPS to LPL level III & IV are located near MDB before SDB ESP 415 M4 Series for LPS to LPL level I & II are located near MDB See pages 11/4 and 11/12</p>	 <p>ESP 240 M1 Series For single phase 240V supplies. See page 11/14.</p>		
<p>Mains protectors for specific systems</p> <p>Fire/intruder alarm panels and CCTV systems</p>  <p>ESP In line mains up to 32 Amps. See pages 11/22 & 11/24 Fire/Intruder alarm panels See page 11/20</p>		<p>Photovoltaic (solar) panels</p>  <p>ESP PV Series Photovoltaic (solar) panels See page 14/8.</p>		
 <p>WARNING Equipment is ONLY protected if all incoming lines have protection fitted</p>				