




Motex SD008	
Aspect	Details
Images	
Alert Number	2204-0026
Product Type	Electrical appliances and equipment – Plug-In Energy-Saving Device
Product Identifiers	Model: SD008
Product Description	White energy saving UK plug in device with a bright green strip light at the bottom
Country of Origin	China
Counterfeit	Unknown
Risk Level	Serious
Risk Type	Electric shock
Risk Description	<p>The product presents a serious risk of electric shock and fire due to multiple test failures which included the following. The product does not bear a plug compliant with BS 1363. The earth pin and live and neutral pins are not straight and too short. The product has weak plug pins that are liable to break off in the socket-outlet. The product was fitted with a large, unmarked capacitor which was only connected to the neutral side of the circuit, despite the manufacturer's energy saving claims. The device was fitted with a fuse on the PCB, presumably to protect the other components on the PCB however, the fuse was of the low breaking capacity type and is likely to explode in the event of a short circuit. The product also claimed to have lightning or spike protection. Testing revealed it did have a Varistor (MOV) fitted, however the varistors were incorrectly specified and were not fitted with adequate protection for this device. Varistors are also known to degrade after prolonged use. When varistors are specified incorrectly and not provided with proper protection (as is the case here) the result is in an increased fire risk. The product does not meet the requirements of the Electrical Equipment (Safety) Regulations 2016.</p>



Corrective Measures	Mandatory recall from end users
Online Marketplace	N/A
Notifier	Office for Product Safety and Standards