

Case Study



Brunel UNIVERSITY WEST LONDON

Background

Brunel University was established just over 40 years ago with the aim to combine academic rigour with the practical and imaginative approach.

Based in Uxbridge, West London, the University is now home to around 16,000 people, both staff and students, from over 100 countries. With a turnover of more than £130 million, the University is a complex organisation with considerable intellectual, financial and social resources and makes a major contribution to the economy and community of the West London region. It also plays a significant role in the higher education scene nationally and has numerous international links and partnerships.



Challenge

As part of the University's £250 million campus redevelopment, Brunel wanted the en-suites student rooms fitted with spur units that will feed a double socket into which the students can plug in computer equipment, TVs and A/V equipment without fear of electric shocks, damage to equipment or overloading the building's power supply.

Solution

Contractor Excelsior Services specified GreenBrook's RCD spur units, for a high specification electrical fit out.

Conforming to BS5733 and BS7288 standards, the Greenbrook H92WP-C RCD fused spur units provide a typical trip speed of 40mS for any trip current over 30mA.

‘Brunel University required a unit that would prevent overloading the building's power supply’



“The Installation has been designed to limit the amount of electrical devices students can plug in at any one time,” explained Mick Proctor from Excelsior. “The Greenbrook RCD spur units feed two sockets installed on a length of dado trunking in each room. The university cannot test all devices that students bring with them so this arrangement provides peace of mind that any faulty devices will not trip the whole building whilst also enhancing student safety and ensuring that the complex's power supply is not overloaded.”

Students arriving for the new term at Brunel University can be sure of a comfortable living space if they have been lucky enough to secure a place at the university's new Isambard Complex student accommodation. And, as it welcomes this year's intake of eager young minds, the university can rest assured that their electronic gadgets won't crash the complex's power supply or cause a fire, thanks to 1400 Greenbrook RCD spur units supplied by wholesaler, Park Electrical.

