

**Client:**  
Sainsburys Supermarkets Ltd.

**Project:**  
Retrofit

**Location:**  
Sainsburys headquarters at Holburn, London

**Facilities Management:**  
Interserve Management Facilities

**Retrofit Type:**  
MEM Memshield to Terasaki TemPower 2

### Testimonial

*"I would like to thank all of Terasaki and the team who carried out the work that was seamless to the Sainsbury's Business. No one really knew how intrusive this was when they returned on the Monday to work at their desks."*

-Al Sacco, Projects and Data Centre Engineering Manager, Sainsbury's Supermarkets Ltd



# “SEAMLESS TO THE SAINSBURYS BUSINESS” – OBSOLETE MEM BREAKERS RETROFITTED BY TERASAKI

Terasaki's Direct Response Service Division helped Sainsburys adapt their Holburn (London) Headquarters for multiple occupancy.

Sainsburys had to make major changes to the electrical system but were unable to replace the four main switchboards without major civil works.

The answer was to retain the switchboards but replace the obsolete circuit breakers. The Direct Response site team replaced 16 MEM air circuit breakers (ACBs) with modern TemPower 2 retrofit ACBs over two weekend shutdowns.



Before: Obsolete protection relay



Before: Obsolete MEM ACB



### Retrofit Details

- **Timeline:** All ACBs replaced over two weekend shutdowns
- **Impact on client's business continuity:** nil
- **Technical challenge 1:** incorporate replacement ACBs into existing Castell interlocking system (achieved)
- **Technical challenge 2:** incorporate new ACBs into existing Restricted Earth Fault protection scheme (achieved)



After: Retrofit ACB, protection relay with LCD

