

CONSUMER UNITS WITH SPD

Pre-assembled Crabtree Consumer Units with SPD addressing 18th Edition requirements for transient overvoltage protection in the UK.



Main Switch

			Trade
Catalogue Number	Description	Ways	Price
502/2BS	100A c/w Type 2 SPD	2	£215.32
505/2BS	100A c/w Type 2 SPD	5	£221.76
508/2BS	100A c/w Type 2 SPD	8	£230.36
511/2BS	100A c/w Type 2 SPD	11	£238.96
516/2BS	100A c/w Type 2 SPD	16	£251.86

High Integrity

Catalogue Number	Description	Ways	Trade Price
507/216363BS	MS+1, RCD+3, RCD+3 c/w Type 2 SPD	7	£911.83
512/246464BS	MS+4, RCD+4, RCD+4 c/w Type 2 SPD	12	£949.77
512/226565BS	MS+2, RCD+5, RCD+5 c/w Type 2 SPD	12	£949.77

Main Switch - Meter Cabinet Unit

Catalogue Number	Description	Ways	Trade Price
608/2BS	100A c/w Type 2 SPD (320mm ctrs)	8	£194.98

Stand Alone Enclosed Units

Catalogue Number	Description	Ways	Price
502RECBS	100A Main Switch + Type 2 SPD Metal*	-	£208.88
40SPDREC	100A Main Switch + Type 2 SPD Insulated	-	£191.68
50SPDREC	100A Main Switch + Type 2 SPD Metal	-	£202.68
50SPDREC/1	100A Main Switch + Type 2 SPD Metal (ext.)	-	£208.18

Custom built variations also available.

For more information on key changes in 18th Edition, visit our website www.electrium.co.uk. Download your free Bitesize Guide.

"No loose connections, just the facts."

EASIER. SAFER. FASTER

^{*} Consumer Unit style enclosure with hinged visor

REQUIREMENTS FOR OVERVOLTAGE PROTECTION BS 7671:2018 18TH EDITION IET WIRING REGULATIONS (443.4)



Where overvoltage could cause serious injury/loss of human life or interruption of public services, disruption to commercial and industrial activity or affects a large number or co-located individuals.

2

For all other cases (not listed in 1) a risk assessment should be carried out, using the method shown in regulation 443.5, to determine whether protection against transient overvoltage of an atmospheric origin is required.

3

An exception may be permitted for single dwelling units if the total value of the installation and the equipment connected to it does not justify the protection.

If risk level calculation is less than 1,000

If no risk assessment carried out.

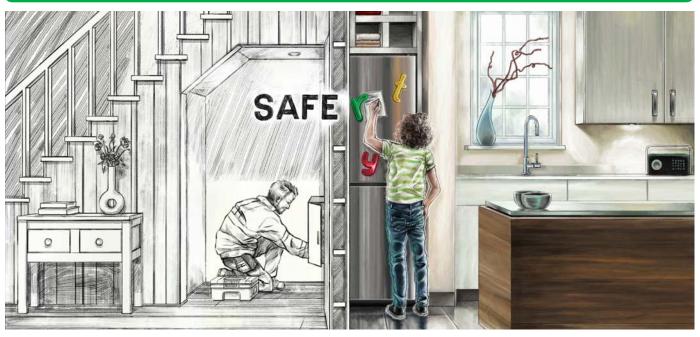
(For single dwelling see No.3 above)

Protection against the effects of transient overvoltages should be provided.

Protection against the effects of overvoltages of atmospheric origin should be provided.

The decision to install protection will depend on the assessment (made by the designer) of the value of the installation and equipment connected to the installation of the dwelling.

Where overvoltage protection is provided by the use of surge protection devices, selection and installation of these devices shall be in accordance with Section 534 of BS 7671.



For further information contact Crabtree Technical - Telephone: 01543 438310 eMail: crabtree.technical@electrium.co.uk
This overview is not a substitute for the IET wiring regulations which should always be used for electrical design & electrical installation works.