

Scenario:

A circuit, as shown in **figure 1**, is to be installed to supply electric vehicle supply equipment (EVSE) purchased by the owner of the property **(details below)**, the (EVSE) is to be located on a domestic driveway mounted onto a solid oak purpose made post.

PRODUCT OVERVIEW

FINISHES

ATTRIBUTES

Home Series chargers

PRODUCT ATTRIBUTES

PRODUCT ATTRIBUTES

UNTETHERED MODEL | HOME 7 | HOME 7 PLUS | HOME 22 PLUS

Materials of front panel. Powdered coated diecast aluminium Materials of lid. CNC anodised aluminium Accoya timber finished in water based stain* Plastic ASA-PC finished in anthracite Colours: Up to 107 combinations of colours and finishes*



	Dimensions (mm) H: 286 x W: 196 x D: 111 Operating Temperature: -25°C to 50°C Weight: 3:3 kg IP Rating: IP54 enclosure Standby Consumption: -2.0W 3 Year manufacturer warranty	
TECHNICAL	CHARGING Number of phases: 1 and 3 phases Charging Current: 1.4 - 7.4 kW (6A to 32A Per Connection: Type 2 socket 207-253v - 50/60Hz 32A 230v/400v 3N - 50/60Hz 32A Home Load balancing	Phase)
	Solar charging Multi chargepoint load management Accuracy of built-in energy meters (+/-2%)	
SAFETY	PROTECTION SYSTEMS	
	Built-in RCD for residual current imbalance p RCD-30mA Type A 6 mA DC according to IEC 62955 Integrated overload protection according to I Loss of PEN protection according to BS 7671: Impact resistance: IK08 Fire class: UL.94 Insulation class: Class 2 Welded contact detection Thermal protection system Locking type 2 socket Fail safe wireless load management*	rotection BS EN IEC 61851-1:2019 2018/A1:2020
CONNECTIVITY	WIRELESS CONNECTIVITY	
	Bluetooth Low Energy 4.0 Wi-Fi 2.4 GHz b/g/n connection Smart Home system wireless support* S&P App Open API	* Not available on Home 7

SIMPSON & PARTNERS -

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Simpson & Partners EV Charger (simpson-partners.com)

Home 7 Plus



The circuit is to be wired using Doncaster Cable Ultra EV/Cat5e three-core steel wired armoured 90 °C thermosetting XLPE insulated cable with copper Class 2 conductors.

(See Doncaster Cable Data Sheet)

One core of the cable is to be utilised as the cpc.

The installation is supplied via a public low-voltage distribution system.

The cable is to be fixed directly to a masonry wall for part of the route and is to be installed directly in the ground at a depth of 0.5 m prior to entering the EVSE.



Figure 1



1. Determine the:

a) design current (Ib)

<mark>32.17 Amps</mark>

b) minimum nominal rating and type of protective device (In).

<mark>40 Amps</mark>

2. Determine the:

d) reference method used to calculate the current capacity of the circuit live conductors

Ref Method D

e) appropriate rating factors and their values.

 $C_a = 0.96$ (Ground Ambient Temperature) 25 °C $C_c = 1$ (Buried Circuits) OVERLOAD (**NOTE** - 5.2 - Appendix 4 BS 7671 (2022) $C_d = 1.03$ (Depth of Burial) 0.5m $C_s = 0.9$ (Resistivity of Soil) 3 K.m/W

f) minimum current carrying capacity, in amperes, that the cable must be capable of carrying.

l<mark>z = 36.52Amps</mark>

3. Select a suitable cable for current-carrying capacity including the:

vii. appropriate table and column number

Table 4D4A / Column 6 BS 7671 (2022)

viii. tabulated value of current carrying capacity It

l_t = 37 A

ix. minimum cross-sectional area.

4.0mm²

4. Determine the:

c) voltage drop for the circuit.

9.2 Volts

d) maximum permissible voltage drop in volts, to the EVSE terminals.

11.5 Volts



5. Determine the R₁+R₂ for this circuit at full operating temperature.

<mark>0.31 Ω</mark>

- 6. Determine for this circuit the:
 - a) total earth fault loop impedance

<mark>0.45Ω</mark>

b) maximum permissible earth fault loop impedance (Zs).

<mark>1.09Ω</mark>

7. Determine, in respect of thermal constraints, for this circuit:

a) the prospective earth fault current at the extremity of the circuit

511.11 Amps

b) the actual disconnection time.

<mark>0.1s</mark>

c) the value of k for the protective conductor.

<mark>143</mark>

d) compliance in respect of Regulation 543.1.3.

Minimum size CPC 1.13mm²

8. State a suitable type of RCD that can be used to protect this circuit, to comply with manufacturer's instructions and BS 7671 (2022).

30mA Type A

BS EN 61008 / BS EN 61009

Integral RCD non-compliant with BS EN 61008 product standard and therefore not recognised by BS 7671 (2022) (currently)

Electronic device as opposed to mechanical and therefore no test button.



9. Verify from the manufacturer's technical guidance documentation compliance with Regulation 722.411.4.1 of BS 7671 (2022) including NOTE 1.

Indent (v) utilised within charger as per the manufacturers technical data.

INSTALLATION INSTALLATION FEATURES

No earth rod or upstream S1-PEN unit required Installation earthing: TNC-S/TN-S/TT Advanced S1-PEN technology 722.411.4.1 (v) Install on 1-phase or a 3-phase supply Automatic over the air updates Current adjustment in 1 amp increments Optional shunt connection G100 compliant fail safe wired and wireless load management Cable diameter: 2.5-10 mm2 Terminal tightening : 1.8-2.0 Nm Cable strip length: 10 mm

Mounting: Flush mounting location using x3 fixing points, handy drilling template provided within our packaging.

Cable entry: Rear/Bottom 20-25mm removable compression gland. 25mm compression gland provided

NOTE 1: See Section 511. BS 7671 does not deal with the safety requirements for the construction of electrical equipment.

Where equipment to be used is not covered by a British or Harmonized Standard, or where there is no British or Harmonized Standard for the functionality of a piece of equipment used, it is the responsibility of the electrical installation designer or other person responsible for specifying the installation to establish that:

- (i) the equipment meets the requirements of the Electrical Equipment (Safety) Regulations 2016 (as amended), the Electromagnetic Compatibility Regulations 2016 (as amended) and other relevant legislation, and
- (ii) the equipment has either a CE, UKCA or UKNI mark and a Declaration of Conformity; where third-party approval is required, the equipment is marked appropriately.

The Declaration of Conformity is to be appended to the certification for initial verification.

Where the above is satisfied, it is not considered to be a departure from BS 7671:2018+A2:2022.

Append the declaration of conformity certificate to the EIC.

7.2 KW Domestic Electric Vehicle Charger Installation



ELECTRICAL INSTALLATION CERTIFICATE	Certificate No 1			DECLARATION OF CONFORMITY In accordance with EC Directive 768/2008/EC	
DETAILS OF THE CLIENT			´s , s [*]		
INSTALLATION ADDRESS			OBJECT OF THE DECLARATI	ION:	
			PRODUCT	S&P electric vehicle charging station	
DESCRIPTION AND EXTENT OF THE INSTALLATION Description of installation:	New installation		MODEL	HOME 7, HOME 7 Plus, HOME 22 Plus	
Extent of installation covered by this Certificate:	Addition to an existing installation		MANUFACTURER	Simpson-Partners Ltd	
	Alteration to an existing installation		ADDRESS	Unit 8, Kemble Business Park, Crudwell, Malmesbury, SN16 9SH, UK	
(Use continuation sheet if necessary) See continuation sheet No:			This declaration is issue	d under the sole responsibility of the manufacturer.	
Vite, being the person(s) responsible for the design of the electrical installation (as indicated by mylt of which are described above, having exercised reasonable skill and care when carrying out the desi that the design work for which live have been responsible is to the best of mylour knowledge and be BS 7671:2018, amended to	our signatures below), gn, hereby CERTIFY lief in accordance with	particulars	The object of the deck legislation:	aration detailed above is in conformity with the relevant harmonised	
Details of departures from BS 7671 (Regulations 120.3, 133.1.3 and 133.5):			2014/30/EU	Electromagnetic Compatibility Directive	
Details of permitted exceptions (Regulation 411.3.3). Where applicable, a suitable risk assessment(s) m	ust be attached to this (Certificate.	2014/35/EU	Low Voltage Directive Electrical Equipment Safety Regulations 2016	
	Risk assessment at	tached 🗖	Conformity is shown by	y compliance with the applicable requirements of the following	
The extent of liability of the signatory or signatories is limited to the work described above as the subj	ect of this Certificate.		documents:		
For the DESIGN of the installation: **(Where there is mutual responsibility	y for the design)		REFERENCE & DATE	TITLE	
Signature: Date: Name (IN BLOCK LETTERS):	Designe	er No 1	EN 41951 1-0010	Electric vahiele conductive charging	
Signature: Date: Name (IN BLOCK LETTERS):	Designe	er No 2**	EN 61651-1.2017	system Part 1: General requirements	
FOR CONSTRUCTION Libeling the person responsible for the construction of the electrical installation (as indicated by my sig which are described above, having exercised reasonable skill and care when carrying out the constru- construction work for which I have been responsible is to the best of my knowledge and belief in acce amended to(date) except for the departures, if any, detailed as follows:	nature below), particul ction hereby CERTIFY rdance with BS 7671:2	ars of / that the 2018,	IEC 62955:2018	Residual direct current detecting device (RDC- DD) to be used for mode 3 charging of electric vehicles.	
Details of departures from BS 7671 (Regulations 120.3 and 133.5);			EN 50581:2012	RoHS compliance	
The extent of liability of the signatory is limited to the work described above as the subject of this Cent For CONSTRUCTION of the installation:	ifficate.			The Electric Vehicles (Smart Charge Points) Regulations 2021 Inclusive of Schedule 1	
Signature:	Constru	ictor			
I, being the person responsible for the inspection & testing of the electrical installation (as indicated by of which are described above, having exercised reasonable skill and care when carrying out the inspe	y my signature below), action & testing hereby	particulars CERTIFY	Signed for and on beh	half of: Simpson-Partners Ltd	
that the work for which I have been responsible is to the best of my knowledge and belief in accordan amended to(date) except for the departures, if any, detailed as follows:	ce with BS 7671:2018,	·	Place of Issue:	UK	
Details of departures from BS 7671 (Regulations 120.3 and 133.5):			Date of issue:	24th May 2022	
The extent of linklike of the elements is limited to the work described above as the subject of this Con-	Blanto		Name:	David Simpson	
For INSPECTION AND TESTING of the installation:	innyard.		Position:	Managing Director	
Signature: Date: Name (IN BLOCK LETTERS):	Inspect	or	Signature:	David Simpson	
NEXT INSPECTION IWe, the designer(s), recommend that this installation is further inspected and tested after an interval veers/months.	of not more than				
				SIMPSON-PARTNERS LTD Reg No: 13124838 CC-01240522 SIMPSON & PARTN	ERS

10. list any other considerations to ensure compliance with BS 7671 (2022).

Ensure compliance with Regulation 443.4

443.4 Overvoltage control

443.4.1 Transient overvoltages due to the effects of indirect lightning strokes

Protection against transient overvoltages shall be provided where the consequence caused by the overvoltage could result in:

- (i) serious injury to, or loss of, human life
- (ii) failure of a safety service, as defined in Part 2
- (iii) significant financial or data loss.

For all other cases, protection against transient overvoltages shall be provided unless the owner of the installation declares it is not required due to any loss or damage being tolerable and they accept the risk of damage to equipment and any consequential loss.

BEAMA Guide to Surge Protection Devices (SPDs) – Selection, Application and Theory





Ensure compliance with **Regulation 132.16**

132.16 Additions and alterations to an installation

No addition or alteration, temporary or permanent, shall be made to an existing installation, unless it has been ascertained that the rating and the condition of any existing equipment, including that of the distributor, will be adequate for the altered circumstances. Furthermore, the earthing and bonding arrangements, if necessary for the protective measure applied for the safety of the addition or alteration, shall be adequate.

Ensure compliance with Regulation 133.5

133.5 New materials and inventions

Where the use of a new material or invention leads to departures from the Regulations, the resulting degree of safety of the installation shall be not less than that obtained by compliance with the Regulations. Such use shall be recorded on the appropriate electrical certification specified in Part 6.

Ultra EV cable is not recognised currently in Table 4A3 of BS 7671 (2022) so therefore the use of it will constitute a departure and shall be recorded on the EIC.

The manufacturers technical information should be appended to the EIC.

ELECTRICAL INSTALLATION CERTIFICATE (REQUIREMENTS FOR ELECTRICAL INSTALLATIONS - BS 7671)	Certificate No				
DETAILS OF THE CLIENT					
		oc			
INSTALLATION ADDRESS		Doncaster Cables			
		1000			
DESCRIPTION AND EXTENT OF THE INSTALLATION					
Description of installation:	New installation				
L'Ann o nominach contra g na chinichte.	Addition to an existing installation	Specially Developed to meet the requirements of EV charge points with data connectivity			
	Alteration to an cxisting installation	DONCASTER CARLES			
EOR DESIGN	I				
LWA, being the person(s) responsible for the design of the electrical installation (as indicated by myl) of which are described above, having exercised reasonable will and care when carrying out the design work for which live have been responsible is to the best of mylour knowledge and be \$7671:2018, nameded to	our signatures below), particulars gn, hereby CERTIFY lief in accordance with	Available in both CarbonTek® PVC Tuff-Sheathed or CarbonTek® SWA variants.			
Details of departures from BS 7671 (Regulations 120.3, 133.1.3 and 133.5):		Conductor: Plain Annealed Copper Class 2 Stranded to BS EN 60228			
Part in the second se		Bedding: CarbonTek* Now using			
Details of permitted exceptions (Regulation 411.3.3). Where applicable, a suitable nak assessment(s) m	ust be attached to this Certificate.	Steel Wire Armour: Galvanised steel wire armour (where applicable) CARBONTEK*			
	Risk assessment attached 🗌	Sheathing: CarbonTek ^a			
The extent of liability of the signatory or signatories is limited to the work described above as the subj	ect of this Certificate.	Energy Monitor Cable: Cat5e FTP—Foi Screened 4 twisted pair			
For the DESIGN of the installation: **(Where there is mutual responsibility	y for the design)	Manufactured in the LIK			
Signature: Date: Name (IN BLOCK LETTERS):	Designer No 1				
Signature: Date: Name (IN BLOCK LETTERS):	Designer No 2**	This cable is designed for use in the installation of electric vehicle charge points. The cable incorporates power conductors and an enhanced Cat 5 screened data cable, encapsulated in a double sheathed design for extra protection. Whilst designed for use in electric vehicle charge points, the cable is also suitable for other installations where power and data is required.			
FOR CONSTRUCTION 1, being the person responsible for the construction of the electrical installation (as indicated by my sig which are described above, having exercised reasonable skill and care when carrying out the constru	nature below), particulars of ction hereby CERTIFY that the				
construction work for which I have been responsible is to the best of my knowledge and belief in accord amended to	rdance with BS 7671:2018,	These cables are designed to be installed in air, clipped to surface, on cable tray/ladder work and embedded in concrete. The cables can be laid direct in the ground providing that suitable mechanical protection is in place.			
Details of departures from BS 7671 (Regulations 120.3 and 133.5):					
The extent of liability of the signatory is limited to the work described above as the subject of this Cert	ificate.				
For CONSTRUCTION of the installation:		STANDARD CORE COLOURS - MINIMUM - MINIMUM OPERATING - MINIMUM BENDING			
Signature: Date: Name (IN BLOCK LETTERS):	Constructor	3 core			
I, being the person responsible for the inspection & testing of the electrical installation (as indicated by	my signature below), particulars				
of which are described above, having exercised reasonable skill and care when carrying out the inspe- that the work for which I have been responsible is to the best of my knowledge and belief in accordant	ction & testing hereby CERTIFY os with BS 7671:2018.				
amended to(date) except for the departures, if any, detailed as follows:		The British Cable Company You Can Trust			
Details of departures from BS 7671 (Regulations 120.3 and 133.5):					
The extent of liability of the signatory is limited to the work described above as the subject of this Cert See NERDECTION AND TERTING of the installation	ificate.				
FOR INSPECTION AND TESTING Of the installation:		Sales Office: Millfield Industrial Estate, Arksey Lane, Bentley, Doncaster, South Yorkshire, DN5 0SJ			
Signature: Date: Name (IN BLOCK LETTERS):	Inspector	Tel: 01302 821700 Email: sales@doncastercables.com			
We, the designer(s), recommend that this installation is further inspected and tested after an interval	of not more than				
Lycarsensonins.					



Ensure compliance with Regulation 722.531.3.1







Internal protection

The S&P Home 7, Home 7 Plus and Home 22 Plus all provide the installer with 30mA Type A RCD protection with the addition of 6mA DC.

Overcurrent device recommended at 40 amps.

Some jurisdictions may require an external RCD/RCCB/RCBO. The installer should take this into account when designing the installation.

Should an upstream RCD be required due to the reference method this is to be a Type A. Ensure that no Type AC residual protection is upstream of an EV charger, the DC leakage could cause this not to function correctly under fault conditions. More info https://www.electrical-installation.org/enwiki/Types_of_RCDs

All S&P's chargers have built in patent pending Gen 2.0 S1-PEN technology allowing for a much simpler install and the peace of mind that the installation is as safe as it can be.

Our GEN 2.0 S1-PEN design allows the charger to be installed on a 1-phase or a 3-phase supply and any type of earthing arrangement in the UK.

Consideration shall be given to any RCDs and their type present upstream within the existing installation in relation to DC currents generated from the EVSE and possible blinding of type AC RCDs.



FIGURE 13 - EXAMPLE INSTALLATION ARRANGEMENT

* Note: Type AC, A or F RCDs may, when specifically declared as a suitable arrangement by the RCD manufacturer, be fitted upstream of a Type B RCD. Impaired operation is commonly termed as 'RCD blinding'

BEAMA Guide - RCD selection for protection of Electric Vehicle charging installations BEAMA Guide - Selection and Application of RCDs - August 2022

Cuidance & Support

Schedule of inspections item 13.0 may require a separate list to ensure additional requirements of Section 722 BS 7671 (2022) have been met.

Sched	ule of Inspections									
Item	Description	Outcome	Item	Description	Outcome					
INO.		• / N/A	INO.		• / N/A					
1.0	Condition of consumer's intake equipment		8.0	Circuits (Distribution and Final)						
	(Visual inspection only)		9.0	Isolation and switching						
2.0	Parallel or switched alternative sources of supply		10.0	Current-using equipment (permanently connected)						
3.0	Protective measure: Automatic Disconnection of Supply (ADS)		11.0	Identification and notices						
4.0	Basic protection		12.0	Location(s) containing a bath or shower						
13.0	OTHER SPECIAL INSTALLATIONS OR	LOCATIO	ONS							
13.1	13.1 Where the installation includes special installations or locations relating to sections of Part 7, additional inspection items should be added to the checklist.									
13.2	3.2 List all other special installations or locations present, if any. (Record separately the results of particular inspections applied)									

Sched	Schedule of Inspections								
Item No.	Description	Outcome ✓/ N/A	Item No.	Description	Outcome ✓ / N/A				
1.0	Condition of consumer's intake equipment		8.0	Circuits (Distribution and Final)					
	(Visual inspection only)		9.0	Isolation and switching					
2.0	Parallel or switched alternative sources of supply		10.0	Current-using equipment (permanently connected)					
3.0	Protective measure: Automatic Disconnection of Supply (ADS)		11.0	Identification and notices					
4.0	Basic protection		12.0	Location(s) containing a bath or shower					
5.0	Protective measures other than ADS		13.0	Other special installations or locations					
6.0	Additional protection		14.0	Prosumer's low voltage electrical					
7.0	Distribution equipment			installation(s)					

Example checklist of items requiring inspection during initial verification

This checklist provides examples of items to aid completion of the schedule of inspections in the electrical installation certificate.

The inspection should include a check of all relevant items in relation to the electrical installation. However, the list of items is not exhaustive and so this inspection checklist can be adjusted to reflect the particular installation.

Numbers in brackets are Regulation references.



Schedule of Test Results may require additional test / functional results recorded to ensure additional requirements of Section 722 BS 7671 (2022) and manufacturers instructions have been met.

GENE	RIC S	CHED	ULE O	F TES	T RES	ULTS								Certificate/Report number:
Distril DB ref Confin SPD:	ierence: med:	Correct Operati	ails polarity onal stat	Z _{ab} Ph us confirm	ase sequ med¶ □	ence 🗌 N/A 🗌]	Ω	pf				kA	Details of test instruments used (serial and/or asset numbers) Multifunction: Continuity: Insulation resistance: Earth fault loop impedance: RCD: Earth electrode resistance:
									TES	T RES	ULT DE	TAILS	5	
		Co	ontinuity	(Ω)		Insula	ation resi	stance		$Z_{_{g}}\left(\Omega \right)$	R	D	AFDD	
ärcuit number	Rin (euii)	g final ci	(cbc)	(R ₁ +)	R ₂) or R ₂	est voltage (V)	ive - Live (MD)	ive - Earth (MD)	olarity"	faximum measured	bisconnection time (ms)"	est button operation	Aanual test button operation ¹¹	Remarks Include details of circuits and/or installed equipment vulnerable to damage when testing (continue on a separate sheet if necessary)
17 0	18 -	19 -	20 -~~	21 -	22 02	23 -	24 -	25 -	26 0.	27 2	28	29 -	30 2	31
-			-	-			-	<u> </u>	-				-	
<u> </u>			<u> </u>											
				-							<u> </u>	L	-	
Tested Signat 1 Not all S # Where the TRCD effect	I by name	e (Capita isible funci e is issued s verified us	onality indic	ation, ctrical Insta mating cum	liation Cond	ition Report	t, and incorr operating c	Dati	e: y is identifie	d, an 'X' sho	ould be entr	ered.	******	

Compliance with the **DNO** notification process.

EVCP & HP Connections Form v3.4

Cover Page

Completing this form accurately will help DNOs process your application as quickly as possible. Please read the following information thoroughly before starting to ensure you have all information required to complete the relevant sections.

What is eligible	This form is for Electric Vehicle Charge Points (EVCP) or Heat Pumps (HP) being installed in a premises with an existing Distribution Network Operator (DNO) electricity connection. This form may also be used for the installation of Vehicle-to-Grid Electric Vehicle Charge Points (V2G EVCP) where the total aggregated capacity of generation/battery storage equipment in a premises is 17kW (single phase) or 50kW (3-phase) or less. To apply for a new connection to the network, please contact your relevant DNO.
When to complete	This form should always be reviewed prior to installing any new EVCP or HP to determine whether the installation requires an application or whether it is eligible for the notification process.
When to submit	If the installation meets all the notification criteria (Section B) the DNO must be notified within 28 days of installing the new equipment. If all the criteria in Section B cannot be met, you should submit an application to the DNO using this form before connecting the new equipment to ensure that the DNO can maintain safe and effective operation of the electricity network.
What to submit	Depending on the nature of the new equipment, the DNO may require additional information. For multiple pieces of equipment (including multiple pieces of equipment under one controller) or multiple premises, please use the <u>multiple installations spreadsheet</u> , also available on the ENA website ¹ .
Finding your DNO	For help identifying your DNO and their contact details please visit the ENA website ² .
Cost	Any reinforcement costs associated with this installation may be charged to the customer.
Single Electric Vehicl	e Charge Point and Heat Pump Installation Application Form – Energy Networks
Association (ENA)	

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networks





421.1.7 Arc fault detection devices (AFDD) conforming to BS EN 62606 shall be provided for single-phase AC final circuits supplying socket-outlets with a rated current not exceeding 32 A in:

- Higher Risk Residential Buildings (HRRB)
- Houses in Multiple Occupation (HMO)
- Purpose-built student accommodation
- Care homes.



RANGE FEATURES & SPECIFICATIONS

CODES :	CFEV1A	CFEV2	CFEV1RDA	CFEV3AFA	CFEV3AFAW
POPULATED	1x 40A 30MA DOUBLE	1x 100A MAIN SWITCH,	1x 40A 30MA TYPE A	1x 40A TYPE A	B-CURVE AFDD,
WITH :	POLE TYPE A RCD,	1x TYPE 2 SPD,	RCBO DOUBLE POLE,	1x TYP	E 2 SPD,
	1x TYPE 2 SPD,	1x 32A MCB FOR SPD,	1x 100A MAIN SWITCH,	1x 32A MC	CB FOR SPD
	1x 32A MCB FOR SPD,	1x 40A B-CURVE MCB	1x TYPE 2 SPD,		
	1x 40A B-CURVE MCB		1x 32A MCB FOR SPD		
INCOMER :	40A 30MA TYPE A RCD	100A MAIN SWITCH	100A MAIN SWITCH	40A TYP	E A AFDD
MODULES / WAYS			5 MODULE / 5 WAYS		

ONE FOR ANOTHER TIME!!

