

# **EARTHING OPTIONS**

#### DATA CENTRE INFRASTRUCTURE

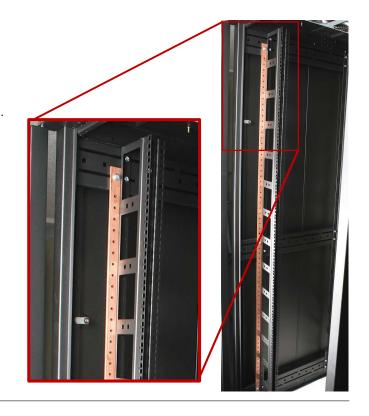
#### **VERTICAL EARTH BAR**

Cannon 64 way 42U vertical earth bar provides easily accessible earth connections the full height of any cabinet. Connection is by screwing the earth terminal (earth terminals not supplied) to the copper bar using the M6 fixings provided.

**Supplied as:** 1 x earth bar (busbar) 64 way plus fixings supplied bagged separately:

- 22 x M6x16 Pozi pan head screws
- 20 x M6 Flat form washers
- 20 x M6 Shake-proof washer
- 20 x M6 Flanged shake-proof nut
- 2 x M6 Cage nuts

DESCRIPTION	PART CODE
VERTICAL EARTH BAR	012C42020001



## 19-INCH (HORIZONTAL) EARTH BAR

Cannon 20 way 19-inch (horizontal) earth bar provides easily accessible earth connections at the rear of any cabinet.

Connection is by screwing the earth terminal (earth terminals not supplied) to the copper bar using the M6 fixings provided.

**Supplied as:** 1 x 19-inch earth bar (busbar) 20 way plus fixings supplied bagged separately:

- 22 x M6x16 Pozi pan head screws
- 20 x M6 Flat form washers

#### As supplied

- 20 x M6 Shake-proof washer
- 20 x M6 Flanged shake-proof nut
- 2 x M6 Cage nuts

DESCRIPTION	PART CODE
19-INCH EARTH BAR	012C01480500



Size conversions:  $1U = 44.45 \text{mm} = 1 \frac{3}{4}$ " 600 mm = 24" 700 mm = 28" 800 mm = 32" 1 kg = 2.2 lbs



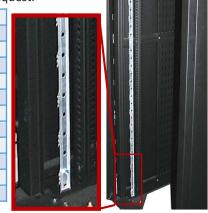
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#### **VERTICAL EARTH STRIP**

Cannon vertical earth strips offer a full height earthing option within a cabinet with 'fast-on' connectors in groups of three. The earth strip should either be connected to the earth stud in the bottom of the cabinet or to a common horizontal earth bar, as is shown below. Other designs on request.

SIZE	PART CODE
9U	012C09000000
12U	012C12000000
15U	012C15000000
22U	012C22000000
25U	012C25000000
27U	012C27000000
33U	012C33000000
37U	012C37000000
39U	012C39000000
42U	012C42000000
45U	012C45000000
430	012043000000



### **EARTH BONDING KITS**

Cannon earth bonding kits consist of five terminated cables and fixings. These cables can be easily fitted to the M6 earth studs, suitably positioned in all Cannon cabinets, to provide panel and door earth bonding.

#### 5 Terminated cables:

Cable 1: For Top Cover

Cable 2: For One Side Panel

Cable 3: For One Side Panel

Cable 4: For Front Door Cable 5: For Rear Door

DESCRIPTION	PART CODE	
EARTH BONDING KIT 600-1000D CAB	KP0223	
EARTH BONDING KIT 1200D CAB	KP0223-1200D	
EARTH BONDING KIT LOW SMOKE ZERO HALOGEN	KP0223LSZH	
EARTH BONDING KIT (SERVER SPACE) CAB	KP0223-SLDP	
MOUNTING POST EARTH BONDING KIT	KP0251	
EARTH LEAD FOR VERTICALLY SPLIT DOORS	EC1305/11	
(ONE REQUIRED FOR EACH PAIR OF DOORS)		



#### VERTICAL EARTH RAIL

1 or 2 Meter earth rail able to be fitted vertically into any Cannon cabinet.

#### Supplied as:

- ■1 x length earth rail 10mm x 3mm x 1M or 2M
- 3 x insulated mounting blocks
- 1 x large terminal 16 35mm conductor
- 10 x small terminal 1.5 4mm conductor
- 3 x M5x16 pozi pan head screw BZP
- 3 x M5 flange nut

NOTE: ADDITIONAL SINGLE WIDTH DEPTH SUPPORT **MEMBER MAY BE REQUIRED - SEE PAGE 4.16** 

SIZE	PART CODE
1M EARTH RAIL	CA141
2M EARTH RAIL	CA142

### **ESD BONDING STUD**

Electro Static Discharge bonding point for attachment of wristband whilst working within the cabinet.

Supplied: Fitted complete with label.

DESCRIPTION	PART CODE
<b>ESD BONDING POINT</b>	EA0231



# **ANTI-STATIC FABRIC WRIST BAND FOR ESD GROUNDING**

- Fully adjustable, elastic
- 1.8 Coil lead length
- Stud size 10

DESCRIPTION	PART CODE	
ANTI-STATIC WRIST BAND	EA0232	