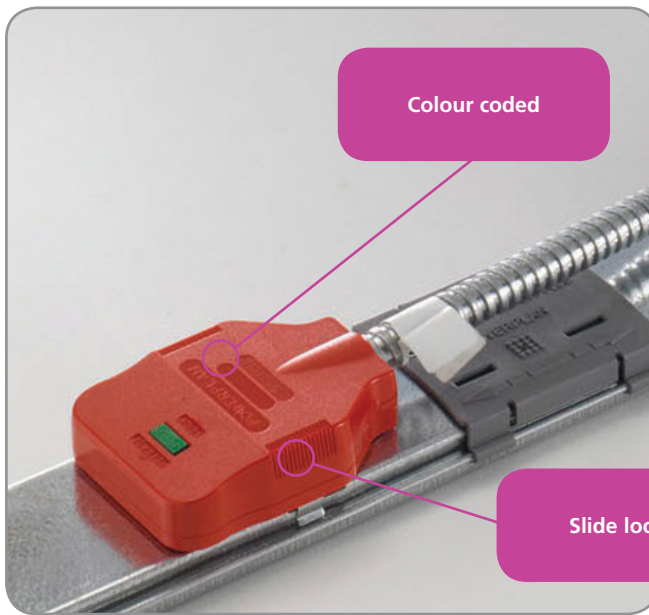


Tap offs are colour coded and non-interchangeable between busbar types. The slide locking, positive latching tap off plug prevents accidental disconnection and can be added to or removed from the busbar while the system is live. All 3 metre, 32 Amp tap offs incorporate an unfused plug, and as standard, 16mmØ metal flexible conduit enclosing 3 metres of 4mm² cables. These units are designed to comply with Regulation 434.2.1 of BS 7671:2008 Amd 3. 5 metre unfused tap offs are also available for use with individual track runs that are rated at no more than 32Amp, where the protection of the tap off against both overload and fault current is provided by the track protective device.

CMD tap off units conform to the high integrity protective requirement by virtue of using a protective conductor of 4mm enclosed within a flexible conduit, thus providing additional protection against mechanical damage.



The benefits of using a CMD Tap off

- Choice: a comprehensive range of supply versions
- Flexibility: can be used in new or existing layouts
- Safety: all units are designed to comply with regulation 434.2.1 of BS 7671: 2008 Amd 3
- Convenience: all tap offs are colour coded and non-interchangeable with slide locking and positive latching to prevent accidental disconnection

Tap off units

Socket key codes	Standard earth	Clean earth	Auxiliary earth	Dual circuit	3 phase
3m unfused				PBDX 7283H*	PBTX 5283H**
3m unfused 32 Amp	PBSX 3323H	PBCX 4323H	PBAX 3323H	PBSX 3323H PBCX 4323H	BTX 3323H 1, 2 or 3
3m fused 13 Amp	PBSX 3133H	PBCX 4133H	PBAX 3133H	PBSX 3133H PBCX 4133H	BTX 3133H 1, 2 or 3
5m unfused 25 Amp				PBDX 7285H*	PBTX 5285H**
5m unfused 32 Amp	PBSX 3325H	PBCX 4325H	PBAX 3325H	PBSX 3325H PBCX 4325H	BTX 3325H 1, 2 or 3
5m fused 13 Amp	PBSX 3135H	PBCX 4135H	PBAX 3135H	PBSX 3135H PBCX 4135H	BTX 3135H 1, 2 or 3

32 Amp 3 metre tap off

32 Amp 3 metre tap off unit is comprised of an unfused plug with 16mmØ flexible metal conduit with integral 3m x 4mm² cables.


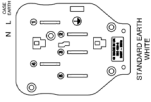

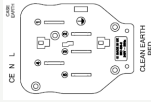
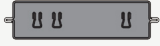
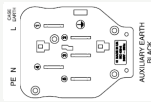

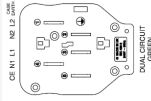

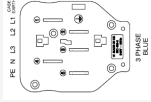
These units are designed to comply with regulations 434.2.1(i) BS 7671:2008 Amd 3 by virtue of the following:

1. Maximum length of cable is <3 metres.
2. Minimum risk of faults as the item is factory assembled and fully tested.
3. Fully protected by flexible steel conduit located within raised access floor that offers further protection.

5 metre tap off unit

Tap off units in excess of 3 metres should only be used if they contain a fuse or the busbar is protected by a 32Amp rated protective device.

Mechanical data	
Tap off cable 32 Amp (BS 7211)	4.0 mm ²
Tap off cable 13 Amp fused (BS 7211)	2.5 mm ²
Tap off conduit sizes	Ø16 or Ø20 mm
Tap off socket and plug mouldings	Flame retardant polycarbonate
Tap off shutter	Polyester
Tap off plug pins	Brass
Tap off cable	LSOH BS 7211
Flexible corner cable	Tri rated BS 6231

Mechanical data	Track type	Tap off type
Standard earth White 63 Amp		
Clean earth (CE) (low noise earth) Red 63 Amp		
Auxiliary earth Black 63 Amp		
Dual circuit (standard/low noise) Green 63 Amp		
3 phase Blue 63 Amp		

All tap off units comply with 17th Edition Wiring Regulations Section 543.7 (High Integrity Earthing).

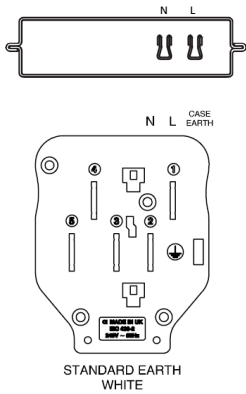
Numerous configurations of tap off units including fuse options are available on request. Longer lengths available on request. CMD tap off units conform to the high integrity protective requirement by virtue of using a protective conductor of 4mm enclosed within a flexible conduit, thus providing additional protection against mechanical damage.

*These tap offs have 2 circuits (1 x standard and 1 x clean earth) rated at 25 Amp

**These tap offs are 3 Phase (L1, L2, L3, N, E) rated at 28 Amp

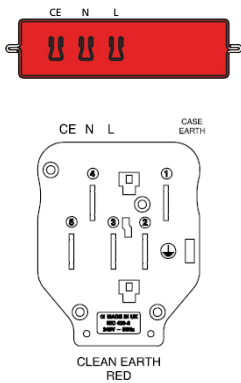
Underfloor Busbar

Standard Earth - 63 Amp



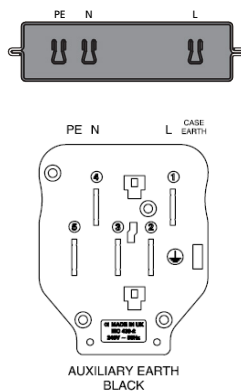
Code	Description
Betrak®	
PBST3336	3.6 Metre Length
PBST3324	2.4 Metre Length
PBST3318	1.8 Metre Length
PBST3312	1.2 Metre Length
PBSF3010/S	Feed Unit c/w End Stop
PBSB3000/S	Flexible Corner Kit
PBSB3031H/S	Flexible Corner - 1 Metre
PBSB3032H/S	Flexible Corner - 2 Metre
Tap Offs	
PBSX3323H	3 Metre Tap off 32 Amp Unfused
PBSX3325H	5 Metre Tap off 32 Amp Unfused
PBSX3133H	3 Metre Tap off 13 Amp Fused
PBSX3135H	5 Metre Tap off 13 Amp Fused

Clean Earth (CE) - 63 Amp



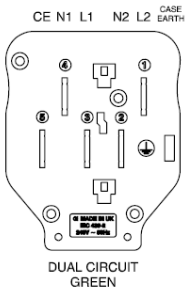
Code	Description
Betrak®	
PBCT4336	3.6 Metre Length
PBCT4324	2.4 Metre Length
PBCT4318	1.8 Metre Length
PBCT4312	1.2 Metre Length
PBCF4010/S	Feed Unit c/w End Stop
PBCB4000/S	Flexible Corner Kit
PBCB4031H/S	Flexible Corner - 1 Metre
PBCB4032H/S	Flexible Corner - 2 Metre
Tap Offs	
PBCX4323H	3 Metre Tap off 32 Amp Unfused
PBCX4325H	5 Metre Tap off 32 Amp Unfused
PBCX4133H	3 Metre Tap off 13 Amp Fused
PBCX4135H	5 Metre Tap off 13 Amp Fused

Auxiliary Earth - 63 Amp



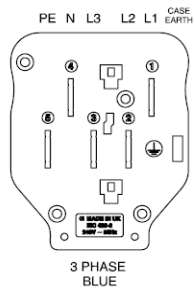
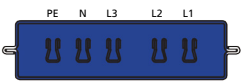
Code	Description
Betrak®	
PBAT3336	3.6 Metre Length
PBAT3324	2.4 Metre Length
PBAT3318	1.8 Metre Length
PBAT3312	1.2 Metre Length
PBAF3010/S	Feed Unit c/w End Stop
PBAB3000/S	Flexible Corner Kit
PBAB3031H/S	Flexible Corner - 1 Metre
PBAB3032H/S	Flexible Corner - 2 Metre
Tap Offs	
PBAX3323H	3 Metre Tap off 32 Amp Unfused
PBAX3325H	5 Metre Tap off 32 Amp Unfused
PBAX3133H	3 Metre Tap off 13 Amp Fused
PBAX3135H	5 Metre Tap off 13 Amp Fused

Dual Circuit - 63 Amp



Code	Description
Betrak®	
PBDT6336	3.6 Metre Length
PBDT6324	2.4 Metre Length
PBDT6318	1.8 Metre Length
PBDT6312	1.2 Metre Length
PBDF6010	Feed Unit c/w End Stop
PBDB6000	Flexible Corner Kit
PBDB6031H	Flexible Corner - 1 Metre
PBDB6032H	Flexible Corner - 2 Metre
Tap Offs	
PBDX7283H	3 Metre Tap off 25 Amp Unfused Dual Circuit
PBDX7285H	5 Metre Tap off 25 Amp Unfused Dual Circuit

3 Phase - 63 Amp



Code	Description
Betrak®	
PBTT5336	3.6 Metre Length
PBTT5324	2.4 Metre Length
PBTT5318	1.8 Metre Length
PBTT5312	1.2 Metre Length
PBTF5010	Feed Unit c/w End Stop
PBTB5000	Flexible Corner Kit
PBTB5031H	Flexible Corner - 1 Metre
PBTB5032H	Flexible Corner - 2 Metre
Tap Offs	
PBTX3323H-1	3 Metre Tap off 32 Amp Unfused
PBTX3325H-1	5 Metre Tap off 32 Amp Unfused
PBTX3133H-1	3 Metre Tap off 13 Amp Fused
PBTX3135H-1	5 Metre Tap off 13 Amp Fused

NB: Add suffix -1, -2 or -3 to indicate required phase configuration of the above 3 Phase Tap Offs
E.G. PBTX3323H-1

NB: Due to transport restrictions 3.6m length busbars have a minimum order requirement of 10 lengths. Orders of less than 10 units will be supplied as 2x 1.8m lengths per 3.6m length ordered.

Non Standard Tap Offs

Code	Description
Betrak® Non Standard Tap Offs 32 Amp Neutrik Tap Offs	
PPA8284	5m, 32 Amp unfused, Std Earth tap off c/w 32 Amp Neutrik (For Std earth and Std earth/607)
PPA7842	5m, 32 Amp unfused, Std Auxiliary Earth Tap off c/w 32 Amp Neutrik (For Std earth and Std earth/607)
PPA8306	5m, 32 Amp unfused, Clean Earth Tap off c/w 32 Amp Neutrik (For C/E and C/E 607)
Alphatrak® Non Standard Tap Offs Standard Earth	
PASX3323H	3 Metre Tap off 32 Amp Unfused
PASX3325H	5 Metre Tap off 32 Amp Unfused
Alphatrak® Non Standard Tap Offs Clean Earth	
PACX4323H	3 Metre Tap off 32 Amp Unfused
PACX4325H	5 Metre Tap off 32 Amp Unfused