

10 Amp Straight Appliance Coupler for cold conditions. Type no. HS10S

10 AMP STRAIGHT APPLIANCE COUPLER TYPE NO. HS10S

The Volex Pencon 10 Amp Straight Appliance Coupler has been developed to incorporate the most advanced design and safety concepts. An injection moulded inner plastic shell not only provides double insulation but gives an effective barrier between terminations and ensures the absence of moulding "flash" within the connector – essential to ensure an efficient and consistent electrical contact.

The connector also incorporates unique custom designed fork shaped terminals giving a greatly improved pin contact over a larger surface area. Manufactured from phosphor bronze the terminal has been developed to provide improved contact and durability compared with the conventional brass box shape receptacle.

As with all Volex Pencon moulded products, each connector undergoes seven electrical tests to ensure correct continuity, polarity and electrical safety. Manufactured under the BSI Kite Mark License Scheme the connector is also supplied with a wide range of overseas approvals – see appendix.

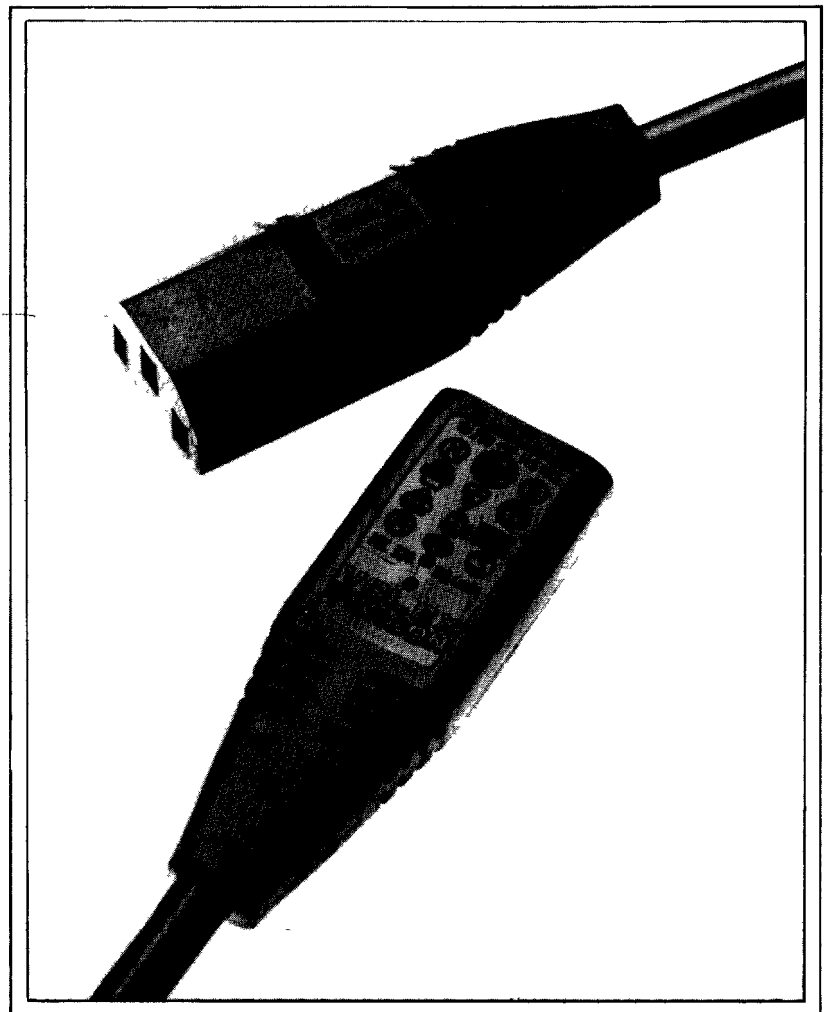


Specifications	BS 4491, EN 60 320 IEC 320 Std 13 AS 3109-1983 Std 13
Operating Voltage	250V a c
Current Rating	10 Amp
Insulation Resistance	> 5 M ohms
Withdrawal Force	10N min 45N max
Cable Retention	> 60N
Outside Body	P V.C
Terminals	Phosphor Bronze
Flexible Cords	See Appendix
Approvals	See Appendix

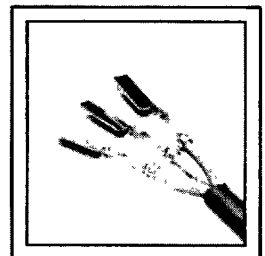
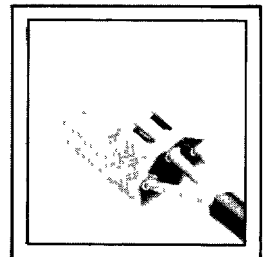
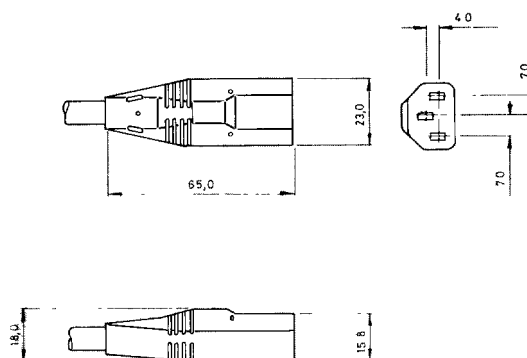


Earth Continuity	25A
Polarity	
Insulation Resistance L-N	500V d c.
Electrical Strength L-N	2.4kV 50Hz
Insulation Resistance L-N-E	500V d c
Electrical Strength L-N-E	2.4kV 50Hz.
Safety Test	5kV. 50Hz.

The manufacturers reserve the right to alter specifications without notice
Volex Pencon is a Division of the Volex Group plc.



DIMENSIONS IN MM



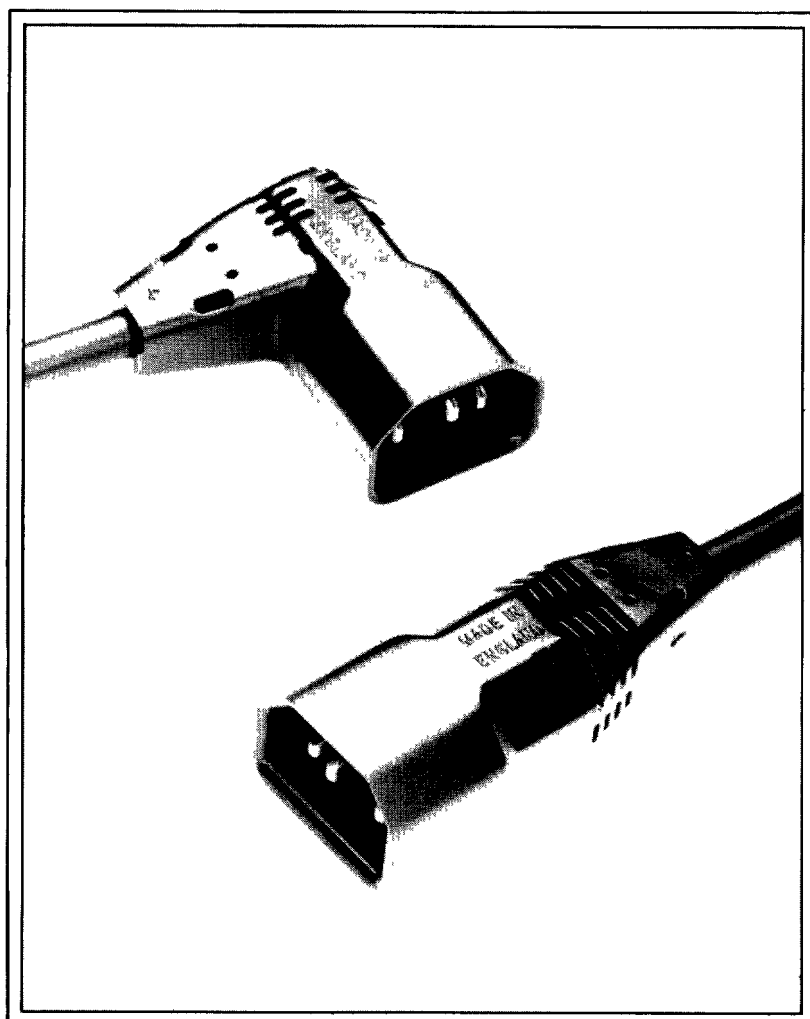
10 Amp Shrouded Plugs

Type no: MSD 10A (Straight Entry)
Type no: MAD 10A (Angled Entry)

10 AMP SHROUDED PLUGS TYPE NOS. MSD 10A STRAIGHT MAD 10A ANGLED

The Volex Pencon Shrouded male plugs feature double insulation and all wire connections are crimped for greater safety and reliability.

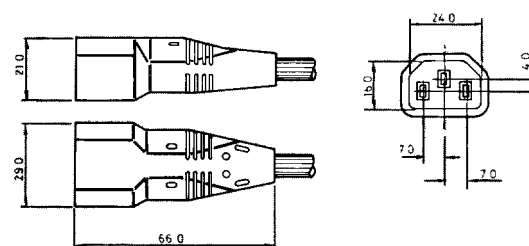
As with all Volex Pencon moulded products, each plug undergoes seven electrical tests to ensure correct continuity, polarity, and electrical safety.



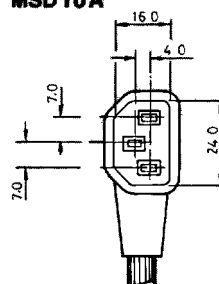
Specifications	Not Applicable
Operating Voltage	250V a c
Current Rating	10 Amp
Insulation Resistance	> 10M ohms
Withdrawal Force	10N min 45N max
Cable Retention	> 60N
Outside Body	P V C
Terminals	Brass-tinned Plated
Flexible Cords	See Appendix
Approvals	Not Applicable

Earth Continuity	25A
Polarity	
Insulation Resistance L-N	500V d c
Electrical Strength L-N	2.4kV 50Hz
Insulation Resistance L-N-E	500V d.c
Electrical Strength L-N-E	2 4kV 50Hz
Safety Test	5kV 50Hz

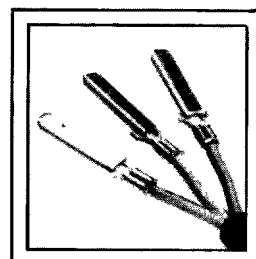
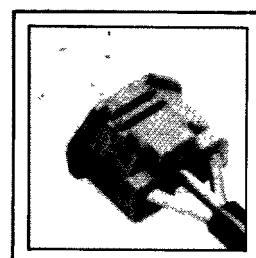
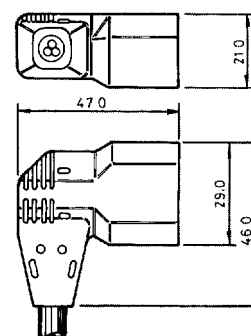
DIMENSIONS IN MM



MSD10A



MAD10A



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9/90

VOLEX PENCON

Z 352782

FIRST ANGLE PROJECTION / DO NOT SCALE
Cable spec :- 3183Y (1,0") BS 6500 table 16
Colour :- Black rat 9005

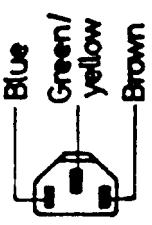
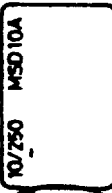
10A Male assy :- Z 338691
82° shore 'A'
Colour :- Black rat 9005

10A Female assy :- Z 335594
70° shore 'A'
Colour :- Black rat 9005

ISSUED

17 SEP 1970

Part details :-



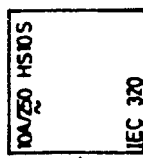
View on front face



View on front face



VOLEX PENCON



10A/250 HS10S

IEC 320

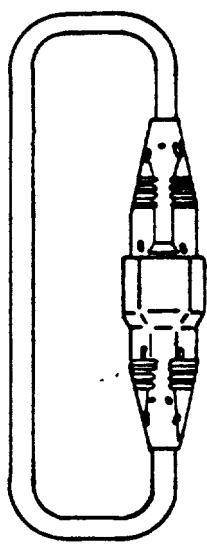
10A Conn Approvals

BS Kitemark

- France
- Belgium
- Norway
- Sweden
- Denmark
- Finland
- Austria
- Germany
- Holland
- Italy
- Switzerland

After electrical test connect male and female together

Use orange shells only



6 ± 0,5 strip
3 places

Green/yellow

Terminal - 3 off
Z 724979

3 ± 0,5
cut back

Blue

G/Yellow

Brown

core sequence
this end.

Terminal 724805 - 3 off

23 ± 0

2000 ± 20 - 0

Blue

G/Yellow

Brown

core sequence

this end.

Elizabeth Street, Leigh, Lancs.

DRG N°

DRAWN C.E. 14-9-90

CHECKED 14-9-90

SHI 1 01 1

VOLEX
PENCON

CORQ SET - 10 A STRAIGHT MALE CONN.
WITH 10 A STRAIGHT CONN. COLD COND.

CUSTOMER

FARNELL ELECTRICS

152-577

core sequence

this end.

Z 352782