

100 AMP Restrained & Bolted Plugs



Type A44 PR and PB

SPECIFICATION

- ▼ Provision for 3 mains and 1 pilot with scraping Earth facility.
- Current rating - 100 Amps.
- Voltage - 1300/650volts.
- Weight - Restrained 3.5Kgs, Bolted 3.7Kgs

FEATURES

- ▼ Minimal spares stockholding.
- ▼ Compact size and weight.
- ▼ Common parts used in restrained and bolted versions.
- ▼ Two voltage modes - 1300-650 volts.
- ▼ Simple serviceable design.
- ▼ Fully waterproof.
- ▼ Interchangeable with existing 50 Amp designs.

STANDARDS/APPROVALS

EN 50014: 1997 and EN 50018: 2000.

Component certificate
BASEEFA 02ATEX0076U restrained.

Component certificate
BASEEFA 02ATEX0078U bolted.

Victor

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APPLICATION

The termination and connection of flexible trailing cables and drill cables (unarmoured and PWA), for deep mine and opencast environments. Restrained plugs are designed for installations where a pilot circuit is in operation, acting as an electrical interlock. Bolted plugs may be used in systems with or without electrical interlock by means of pilot circuit. Can be used at 650V or 1300V. When operated at 650volt, these plugs may be used in conjunction with other makes of existing sockets to BS 5125 and BS 1395(*).

(* Please note that when used with 30 Amp sockets to BS 1395, the rating of the overall cable system would be limited to 30 Amp rating.

SPARE PARTS

The design is serviceable which enables key parts to be easily replaced. See spare parts data.

SPARE PARTS

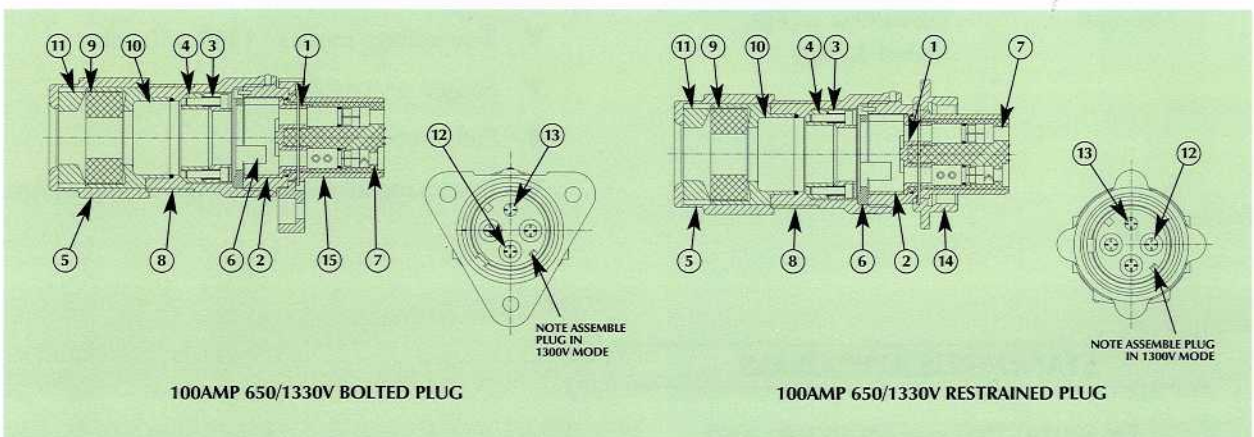
RESTRAINED PLUG

Items 1 to 14 restrained spares also refer to bolted plugs.

ITEM	ORDER REFERENCE	DESCRIPTION
1	MC123003	Insulator Cap
2	MC123013	Distance Piece
3	MC123022	Armour Cable Clamp
4	MC123031	Armour Clamp Seat
5	MC124422	Gland Nut
6	MC923006	Earth Clamp Assembly
7	MC123001A	Insulator
8	MC923019W	Plug Body
9	MC124423	Clamping Ring
10	MC124426	Clamping Ring Body
11	MC124427	Clamp Ring Washer
12	MC923007W	Main Contact Tube Grubscrew
13	MC923008W	Auxiliary contact tube Grubscrew
14	MC924445	Plug Barrel Assembly Restrained

BOLTED PLUG

ITEM	ORDER REFERENCE	DESCRIPTION
15	MC 924463	Plug barrel assembly bolted



ORDERING DETAILS

ORDER REFERENCE	DESCRIPTION
MCA 002976GAA	100 Amp Bolted Plug Suitable for Cable 52-43 O/D
MCA 002976GBA	100 Amp Bolted Plug Suitable for Cable 43-35 O/D
MCA 002976GCA	100 Amp Bolted Plug Suitable for Cable 29-22 O/D
MCA 002974GAA	100 Amp Restrained Plug Suitable for Cable 52-43 O/D
MCA 002974GBA	100 Amp Restrained Plug Suitable for Cable 43-35 O/D
MCA 002974GCA	100 Amp Restrained Plug Suitable for Cable 29-22 O/D