



ISO9001 Certified

MEDC Ltd
Colliery Road,
Pinxton,
Nottingham,
NG16 6JF
United Kingdom

Tel: +44 (0) 1773 864100
Fax: +44 (0) 1773 582800
E-mail: sales@medc.com
Web-site: www.medc.com

MEDC International
Houston USA

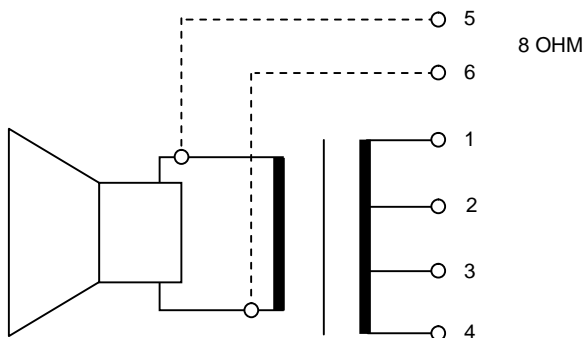
MEDC Norway
Stavange Norway

Phone: +1 (713) 937 9772 Fax: +1 (713) 937 9773 E-Mail: us.sales@medcint.com

Phone: +47 51 82 98 98 Fax: +47 51 82 98 91 E-Mail: norway.sales@medc.com

DB4 Range

Wiring Details



Transformer Tappings

Transformer Tappings	Power			
	25W	20W	15W	8W
1:2	25.0	20.0	15.0	8.0
2:3	12.5	10.0	7.5	4.0
3:4	6.0	6.0	5.0	2.0
1:3	4.0	5.0	4.0	1.5
2:4	2.0	2.0	2.0	0.7
1:4	1.0	1.5	0.8	0.4

Transformer Options:

- Standard Tapping: 4 terminal tap change. Loop in/Loop out (4 x 2) terminal tap change (8 terminals).
- Optional Tapping: 4 terminal tap change with 2 terminals (5 & 6), directly connected to driver (8 ohms).

Other tappings and driver impedances available on request.

Installation & Maintenance guidelines:

- Refer to technical manual enclosed with unit for further detailed instructions.
- When installing and operating explosion-proof electrical equipment, the relevant national Regulations for installation and operation (e.g. IEE Wiring Regulations) must be observed.
- Ensure that all nuts, bolts and fixings are secure.
- The DB4 is mounted via 2 off Ø7mm (Ø0.28") fixing holes in the 'U' shaped stirrup/mounting bracket. If required, the unit can be initially placed via the Ø13mm (Ø 0.51") central hole in the stirrup. The unit can then be rotated to the required position and fixed via the other holes.
- The fixing holes have been designed to accept an M6 screw or bolt. MEDC recommend the use of stainless steel screws.
- Ensure that only the correct certified stopping plugs are used to blank off unused gland entry points. We recommend the use of 'HYLOMAR PL32 COMPOUND' on the threads of the stopping plugs in order to maintain the IP rating of the unit.
- The DB4 should be positioned such that debris, dust or water cannot settle in the re-entrant horn.
- During the working life of the unit, it should require little or no maintenance. GRP will resist attack by most acids, alkalis and chemicals and is as resistant to concentrated acids and alkalis as most metal products.
- If abnormal or unusual environmental conditions occur due to plant damage or accident etc., then visual inspection is recommended.
- If the unit requires cleaning, then only clean exterior with a damp cloth to avoid electro-static charge build up.
- If spare parts are required, then these should only be supplied by MEDC.