

H5-IC set

EFT/Burst Magnetic Field Source



Short description

The BS 06DU-s magnetic field source is used to generate magnetic EFT/burst fields. An EFT/burst generator (IEC 61000-4-4) supplies the field source with an EFT/burst current via an RF cable. The field source generates high magnetic fields (approx. 150 mT) in very small spaces. It is thus ideal for coupling the field into ICs. The field source can be inserted into a scanner or can be guided by hand. It has a SMB output.

The connection cable for the magnetic field source is available with an SHV connector (HV SHV-SMB 1m) or with a Fischer connector (HV FI-SMB 1m; a S103A023 Fischer connector). Please specify which cable/connector when placing your order.

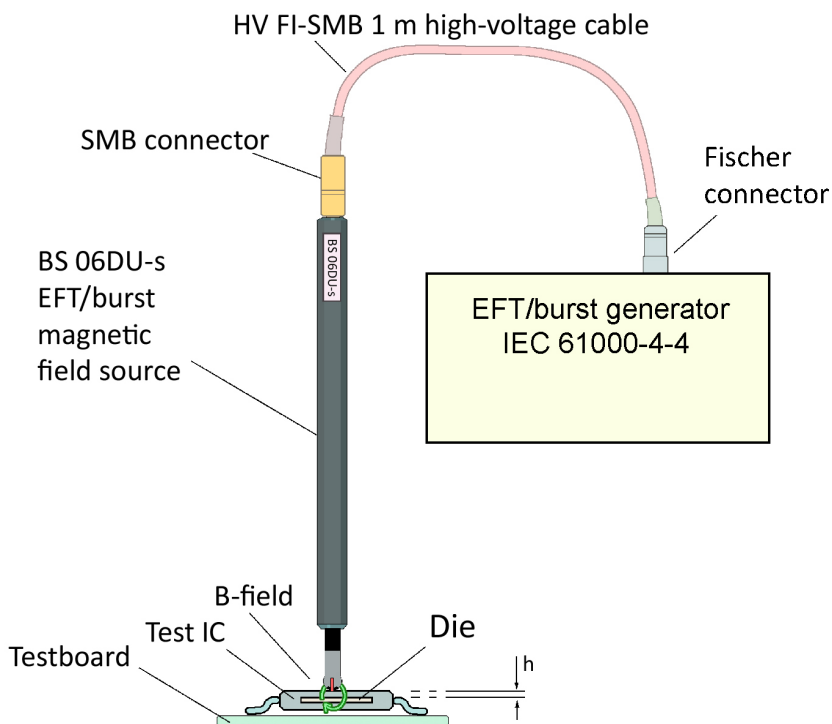
Scope of delivery

- 1x BS 06DU-s, EFT/Burst Magnetic Field Source
- 1x HV FI-SMB 1 m, High-Voltage Cable, Fischer-SMB
- 1x H5-IC case, System case A5
- 1x H5-IC m, User Manual

Technical parameters

| | |
|--------------------------------------------------|-------------------|
| BS 06DU-s EFT/Burst Magnetic Field Source | |
| Probe head dimensions | (5 x 6) mm |
| Frequency range | 0...560 MHz |
| Max. generated magnetic flux density | 150 mT |
| Waveform of the injected test pulse | IEC 61000-4-4 |
| Connector - output | SMB, female, jack |
| Sizes (L x W x H) | (140 x 8 x 8) mm |
| Weight | 15 g |
| Max. Burst-voltage | 4 kV |

Principle of application with BS 06DU-s magnetic field source



Fischer connector and SHV connector



Scope of delivery with BS 06DU-s and HV SHV-SMB 1 m cable



Scope of delivery with BS 06DU-s and HV FI-SMB 1 m cable

