**Draft Change request for Bi-mode Insulated Gate Transistor**

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| **CHANGE REQUEST** | |
| Request identity number: | C00292 |
| Type of request: | Technically new |
| Request status level: | For evaluation |
| Proposal: | Standardize new graphical symbol for diagrams for representing concept of Bi-mode Insulated Gate Transistor. |
| Reason: | New semiconductor Bi-mode Insulated Gate Transistor (BIGT) was first presented at ISPSD conference in Barcelona in 2009.  Motivation: Customer request for correct graphical symbol for diagrams for integration in their circuit design schematics and simulation tools. IEC 60617 graphical symbols for IGBT (S00680, S00681, S00682, S00683) are not suitable for representing BIGT. |
| Requested by: | Hans Peter Leserf, Electrosuisse (CH NC) |

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| Identity number: | **S01931** |
| Name: | Bi-mode Insulated Gate Transistor |
| Status level: | Proposal |
| Alternative names: | Combined protective earthing conductor and line conductor |
| Applies: | S00624, S00625, S00627 |
| Application class: | Circuit diagrams |
| Function class: | K Processing signals or information |
| Shape class: | Arrows, Lines |
| Keywords: | insulated gate, semiconductors, transistors |
| Change requests: | C00292 |
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