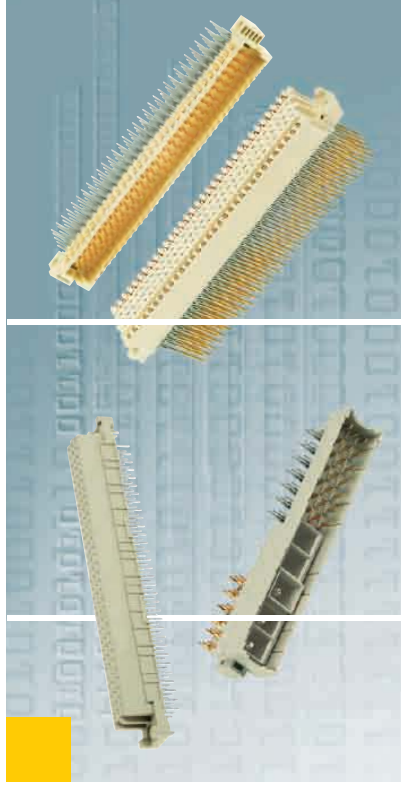
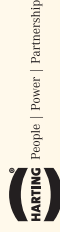


HARTING



Connectors DIN 41 612



Quality Connections Worldwide

HARTING was founded in 1945 by the family that still owns the company. Its headquarters are situated in Espelkamp, in Eastern Westphalia.

Today, HARTING employs more than 2,400 people worldwide, including 300 engineers and scientists. Over 500 technical specialists are available to implement customer requirements.

With subsidiaries in 25 countries and ten production plants, the company is one of the leading manufacturers of electrical and electronic connectors.

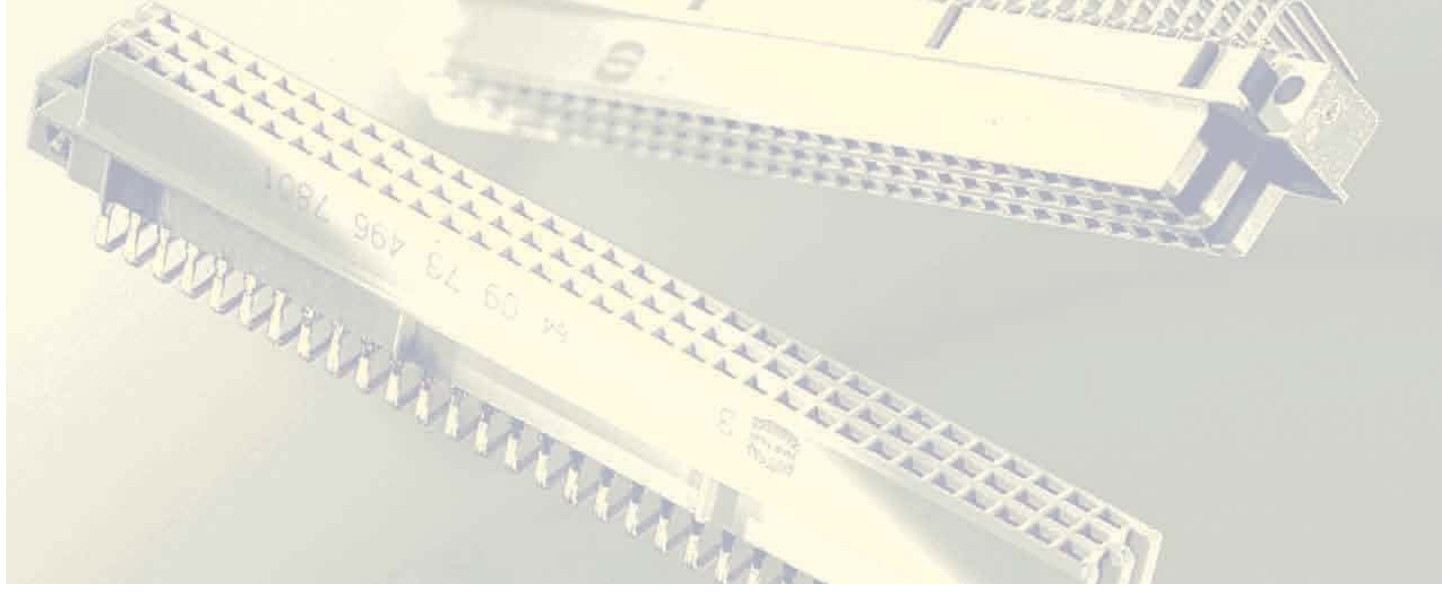
The global HARTING network means that the company is always in close touch with the market and ideally placed to work together with its customers.

As the market leader HARTING offers the benefits of just-in-time service and maintains close business relations with all of its key customers in the global marketplace. In more than one of its product areas, HARTING leads the field.

HARTING products are manufactured using advanced, automated techniques, with CAD systems employed both in research and development and in tool-making.

In matters of quality, HARTING is convinced that zero-defect production can only be achieved through fully automated processes. Our quality assurance organization and procedures are documented in accordance with EN ISO 9001 in a quality assurance manual. In 2006 HARTING became the first company worldwide to receive the new IRIS quality certificate (the International Railway Industry Standard).

HARTING employs around 60 staff in quality assurance alone. The majority of these engineers and technicians are trained and qualified to standards laid down by the DGQ (German Association of Quality) or SAQ (Swiss Association of Quality).



HARKIS® is the abbreviation for **HARTING-Katalog-Information-System** (HARTING catalogue information system).

HARKIS® is an electronic catalogue with part configuration and 3D components library. Here you can choose a connector according to your demands. Afterwards you are able to send your inquiry created with the listed parts. The drawings to every single part are available in PDF-format. The parts are downloadable in 2D-format (DXF) and 3D-format (IGES, STEP). The 3D-models can be viewed with a VRML-viewer.

You can find **HARKIS®** our homepage www.HARTING.com. It is also available on CD-Rom and DVD.



Part configuration

CAD library

Identification

HARKIS® CD-Rom
Basic product catalogue

98 40 000 0401



HARKIS® DVD
Basic product catalogue
2D and 3D CAD files inclusive

98 40 000 0405

| Type | Termination | | | | | | | | | |
|----------------------------|---------------------------|------------------------|-----------------------|---------------------------|------------------|----------------------|----------------|-------------------|-----------------------|--|
| | Solder termination | Reflow soldering (SMC) | Solder lug connection | Press-in connection | Crimp connection | Wire wrap connection | IDC connection | Faston connection | Cage clamp connection | |
| B | Page 01.11 | | | Page 04.11 | Page 01.15 | Page 01.13 | Page 01.14 | | | |
| U | Page 01.13 | | | | | Page 01.12 | | | | |
| 2B | Page 01.16 | | | | | | | | | |
| | Page 01.17 | | | Page 04.11 | | Page 01.17 | | | | |
| C | Page 01.18 | Page 05.11 | Page 01.22 | Page 04.12 | Page 01.19 | Page 01.22 | Page 01.23 | | | |
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| 2C | Page 01.24 | Page 05.12 | | Page 04.12 | | Page 01.25 | | | | |
| 3C | Page 01.25 | | | Page 04.12 | | | | | | |
| | Page 01.26 | | | Page 04.12 | | | | | | |
| M | Page 01.28 | | | | | | | | | |
| | Page 01.29 | | | Page 04.13 | | | | | | |
| M-flat | Page 01.27 | | | Page 04.14 | | | | | | |
| Q | Page 01.36 | | | Page 04.15 | | Page 01.36 | | | | |
| | Page 01.39 | | | | | | | | | |
| 2Q | Page 01.37 | | | Page 04.15 | | Page 01.37 | | | | |
| R | Page 01.32 | | | Page 04.16 | | Page 01.32 | | | | |
| | Page 01.33 | Page 05.13 | | | | | | | | |
| 2R | Page 01.38 | | | Page 04.16 | | Page 01.38 | | | | |
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| R (HE 11) | Page 01.34 | | | | | Page 01.34 | | | | |
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| RM | Page 06.11 | Page 05.21 | | Page 04.17 | | | | | | |
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| <i>harkitus 64</i> inverse | Page 06.22 | | | Page 06.21 | | | | | | |
| D | Page 02.11 | | | | | | | | | |
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| E | Page 02.15 | | | | | | | | | |
| | Page 02.17 | | Page 02.17 | Page 04.21 | Page 02.18 | Page 02.17 | | | | |
| I | Page 02.16 | | | | | | | | | |
| F | Page 02.25 | Page 05.31 | | | | | | | | |
| | Pages 02.30 + 02.32-02.33 | | Page 02.31 | Page 04.24 | Page 02.29 | Page 02.31 | | | | |
| U | Page 02.26 | | | | | | | | | |
| | Page 02.26 | | | | Page 02.27 | Page 02.28 | | | | |
| F9 | | | | | Page 02.35 | Page 02.26 | | | | |
| | | | | | Page 02.35 | Page 02.26 | | | | |
| FM | Page 02.36 | | | | Page 02.36 | Page 02.36 | | | | |
| | Page 02.37 | | | | Page 02.37 | Page 02.37 | | | | |
| 2F | | | | | Page 02.40 | Page 02.37 | | | | |
| U | | | | | | | | | | |
| | | | | | Page 02.39 | Page 02.39 | | | | |
| I | | | | | Page 02.38 | Page 02.38 | | | | |
| H | Page 03.11 | | | | | | Page 03.11 | | | |
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| H 3 | Page 03.15 | | | | | | | | | |
| | Page 03.15 | | | | | | | | | |
| MH-24 + 7 | Page 03.22 | | | | | | Page 03.22 | | | |
| | Page 03.23 | | | | | | | | | |
| MH-21 + 5 | Page 03.24 | | | | Page 03.23 | Page 03.23 | | | | |
| | Page 03.25 | | | | | | | | | |

■ male

■ female

■ Interface connector