

Accessories and Tooling

Crimp Contacts (Performance Level 1)				Insertion Tool ¹⁾	Crimp Tool ¹⁾	Automatic Crimping Machine for	Elektric Press 09 98 000 2000
Type	AWG	Male	Female	Removal Tool ²⁾	Locator ²⁾ Service Tool incl. Locator ³⁾	Male	Female
B, C	26–22	Single 5000/reel	09 02 999 8474 09 02 000 6474	09 99 000 0100 ¹⁾ 09 99 000 0101 ²⁾	09 99 000 0075 ¹⁾ 09 99 000 0099 ²⁾		09 98 000 2004
D, E, 2 F/FC, F/FC, FM, MH	28–24	Single 2500/reel	09 06 000 9554 09 06 000 9544	09 06 000 8474 09 06 000 6474	09 99 000 0088 ¹⁾ 09 99 000 0087 ²⁾	09 99 000 0075 ¹⁾ 09 99 000 0086 ²⁾ 09 99 000 0191 ³⁾	09 98 000 2005 09 98 000 2001
	26–20	Single 2500/reel	09 06 000 9551 09 06 000 9541	09 06 000 8471 09 06 000 6471	09 99 000 0088 ¹⁾ 09 99 000 0087 ²⁾	09 99 000 0076 ¹⁾ 09 99 000 0086 ²⁾ 09 99 000 0191 ³⁾	09 98 000 2006 09 98 000 2002
	20–16	Single 2500/reel	09 06 000 9552 09 06 000 9542	09 06 000 8472 09 06 000 6472	09 99 000 0088 ¹⁾ 09 99 000 0087 ²⁾	09 99 000 0077 ¹⁾ 09 99 000 0086 ²⁾ 09 99 000 0191 ³⁾	09 98 000 2007 09 98 000 2003

Some Special Contacts for Series M

Type	I	High Current Contacts Straight	Angled	High Voltage Contacts 2.8 kV	Coaxial Contacts Straight	Angled	Removal Tool
Male Contacts	10 A 20 A 40 A	09 03 000 6101 09 03 000 6102 09 03 000 6103	09 03 000 6104	max. AWG 20 09 03 000 6140	09 03 000 6160	09 03 000 6161	09 99 000 0174
Female Contacts	10 A 20 A 40 A	09 03 000 6201 09 03 000 6202 09 03 000 6203		max. AWG 20 09 03 000 6240	09 03 000 6260	09 03 000 6262	

Shell Housings

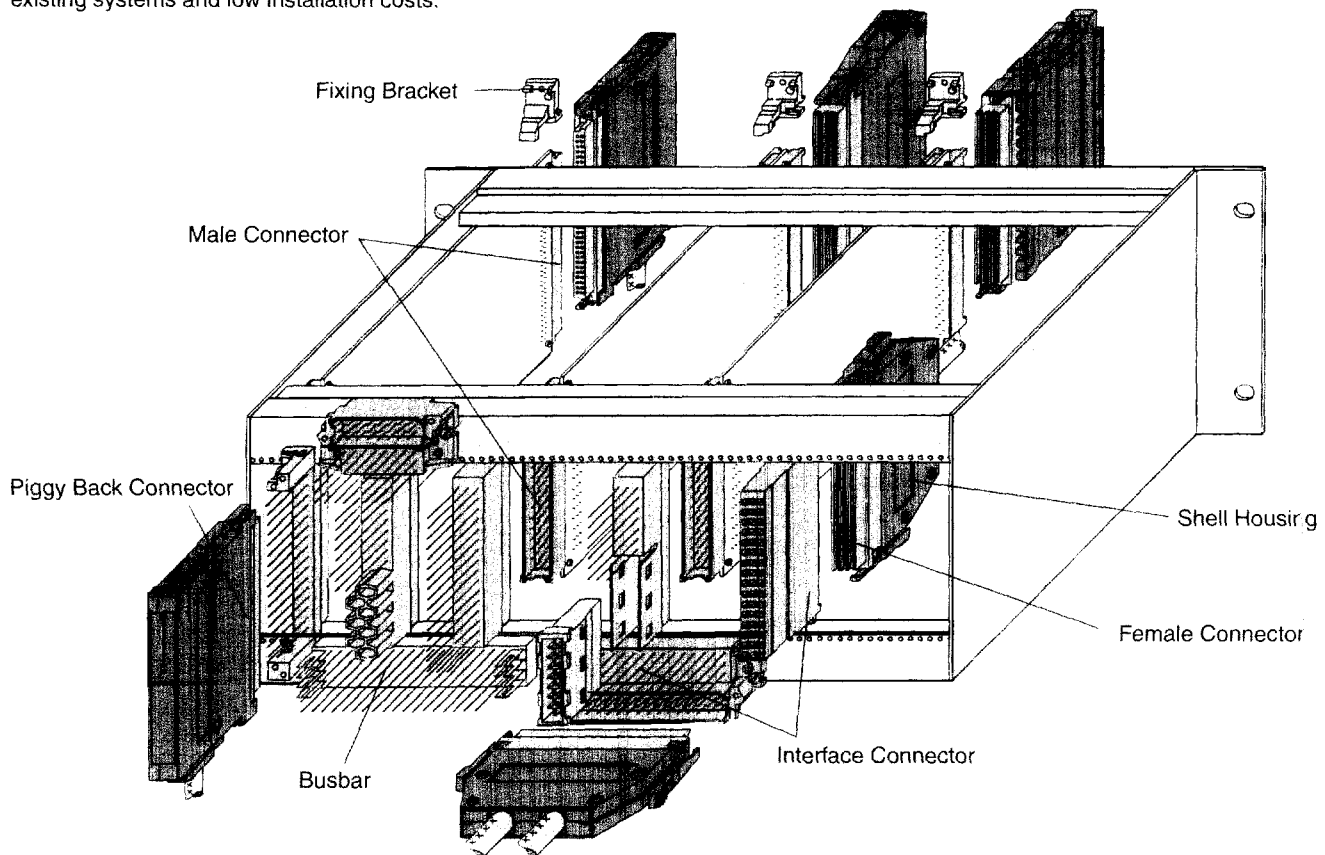
	C	A	B	D 15	D 20	G	O
With Female Insert							
With Male Insert							
Connector Series that fit into housings	Gds A-B, A-C, Gds A-D, A-E	Gds A-F/FC	Gds A-F/FC, Gds A-H, A-MH	Gds A-F/FC, Gds A-H, A-MH	Gds A-F/FC, Gds A-H, A-MH	Gds A-E, A-F/FC, Gds A-H, A-MH	Gds A-F/FC, Gds A-H, A-MH
Catalog No.	09 02 064 0501 09 02 064 0502 09 03 096 0501 09 05 048 0501	09 06 048 0501 09 06 048 0401 09 06 048 0402	09 06 048 0503 09 06 048 0504 09 06 048 0505	09 06 048 0515	09 06 048 0521	09 06 000 9957	09 06 000 9968 09 06 000 9930* * Order 2 pieces
Locking Levers Order 2 pieces, in some cases each with different part nos. for left and right hand	09 02 000 9902 09 02 000 9903	Supplied with the shell housing	09 06 000 9913 09 06 000 9919	Supplied with the shell housing			
Fixing Brackets	c	a	b	b	b	b	b
For Male Connectors							
Multiple Left Fixing Right	09 02 000 9919 09 02 000 9920	09 06 000 9901 09 06 000 9902	09 06 000 9907 09 06 000 9908	09 06 000 9907 09 06 000 9908	09 06 000 9907 09 06 000 9908	09 06 000 9907 09 06 000 9908	09 06 000 9907 09 06 000 9908
Single Left Fixing Right	09 02 000 9921 09 02 000 9922	09 06 000 9905 09 06 000 9906	09 06 000 9909 09 06 000 9910	09 06 000 9909 09 06 000 9910	09 06 000 9909 09 06 000 9910	09 06 000 9909 09 06 000 9910	09 06 000 9909 09 06 000 9910
For Female Connectors			b	b			b
Multiple Left Fixing Right			09 06 000 9933 09 06 000 9933	09 06 000 9933 09 06 000 9933			09 06 000 9930 09 06 000 9933 09 06 000 9933
Single Left Fixing Right			09 06 000 9951 09 06 000 9952	09 06 000 9951 09 06 000 9952			09 06 000 9930 09 06 000 9951 09 06 000 9952

HARTING's Gds A series of DIN connection components offers a comprehensive range of highly versatile connectors complemented by many styles of shell housings and a wide range of accessories, comprising a complete interconnection and interface system. Gds A series connectors are based on the requirements of DIN Standard 41 612. The number of contacts ranges from 15, 16, 32, 48, 64 and 96 in one, two or three rows in a 3.7" length molding. Contact areas are selectively gold plated according to the requirements of three different performance levels.

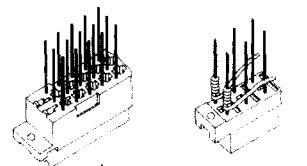
HARTING DIN connectors are also available with a wide variety of termination methods providing compatibility with existing systems and low installation costs.

The HARTING series Gds A DIN connectors include such features as:

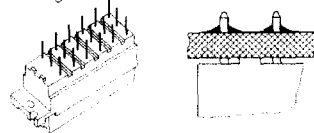
- Certified according to DIN EN ISO 9001 in design/development, production installation and servicing.
- All connectors series are CSA-approved.
- Connectors Series 2 B, B, 2 C, C, 2 Q, Q, 2 R, R, F/FC, 2 F/FC, H, M and MH are UL-approved.
- Low insertion and withdrawal force.
- High vibration resistance.
- Tinned terminations for greater solderability.
- All male connectors are available with first mate/last break connections for greater safety.



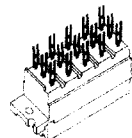
Wrap posts for automatic wiring techniques.



Solder pins for printed circuit boards.



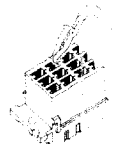
Solder lugs for discrete wiring.



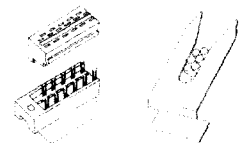
Press-in Technology for backplanes.
(Compliant Pin)



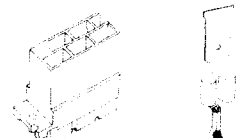
Crimp contacts for flexible wiring and selective loading.
Contacts are easily replaced.



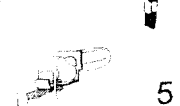
Insulation displacement contacts for mass termination of flat cable.



Faston blades for high power discrete wiring.



Cage-clamp spring contacts provide low cost connection for solid or stranded wires.



HARTING Products Application Orientated Technology



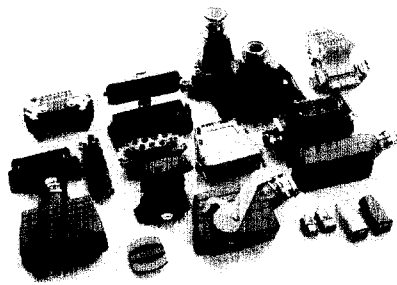
Founded in 1945 HARTING has become one of the world's leading manufacturers and suppliers of Industrial Power Connectors designed to meet demanding industrial applications and environments.

Reliable Quality and Service from HARTING.

With manufacturing facilities in Germany, Great Britain, Hong Kong, Switzerland and USA and subsidiary companies throughout the world, HARTING's dedicated staff of connection technology experts forms the foundation of a company prepared to meet the challenge of today's ever changing and demanding market-customer requirements.

Internationally recognized as a major supplier of advanced technology and reliable quality connectors, HARTING's market leader dedication in the research and development of connection technology and inter-connection systems assures that only top-quality products complying with international standards are offered.

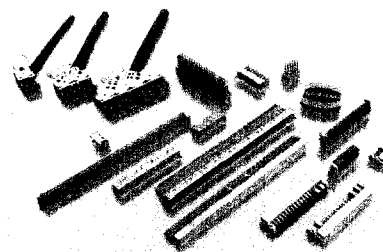
The following product lines are currently available from HARTING.



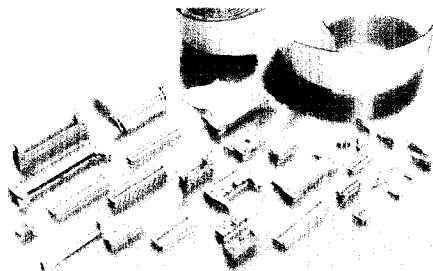
Heavy Duty Han® Connectors



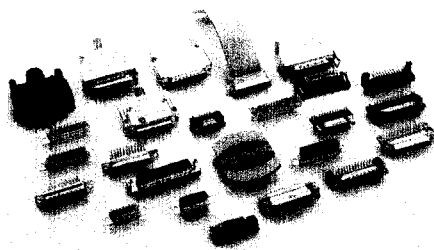
DIN Connectors



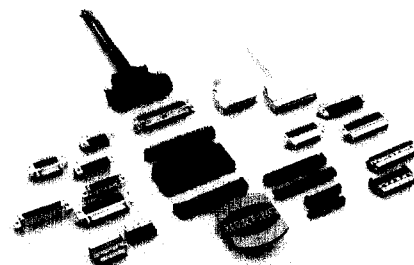
High Density Connector System
Modular · Metric 2.5 mm



IDC Flat Cable Connectors



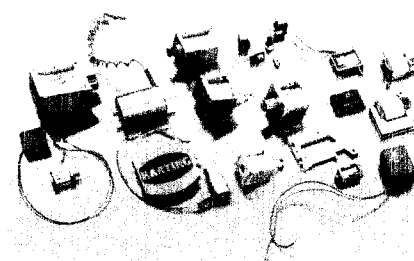
D-Subminiature Connectors



Micro-Electronic-Connectors
Contact spacing 1.27 mm



Fiber Optic Systems and Components



Miniature Solenoids

HARTING, INC. OF NORTH AMERICA

1370 BOWES ROAD

ELGIN, IL 60123

TEL: 847-741-1500 FAX: 847-741-8257

Representatives HARTING

A-1230 Wien
621 21 · Fax (1) -616 21 21-21

B-1731 Zellik
0190 · Fax 02-4 66 78 55

São Paulo
167 80 55 · Fax (011) 870 40 35

Shanghai, 200021
(86 21) 63 74 79 93 94 · Fax (86 21) 63 74 79 95

Czech Republic: 18066 Praha 9
(02) 6 61 07-475/-483 · Fax (02) 86 20 47

France: F-95972 Roissy Charles de Gaulle Cedex
(1) 49 38 34 00 · Fax 1 48 63 23 06

Great Britain: GB-Northampton, NN 47 PW
(01604) 76 66 86 · Fax (01604) 70 67 77

Hong Kong: Hong Kong
(852) 24 22 18 09 · Fax 08 52-24 80 43 78

Italy: I-20090 Vimodrone (Milano)
(02) 27 40 03 00 · Fax (02) 2 65 05 34

Japan: Yokohama 226/Japan
(045) 9 31-57 15 · Fax (045) 9 31-57 19

Netherlands: NL-5203 DM's-Hertogenbosch
(073) 6 41 04 04 · Fax (073) 6 44 06 99

Norway: N-0667 Oslo
(22-64 75 90 · Fax 22-64 73 93

Russia: 197342 Sankt Petersburg
(8 12) 2 45 10 74 · Fax (8 12) 2 42 08 57

Singapore: 609916 Singapore
(65) 5 62-81 90 · Fax (65) 5 62-81 99

Spain: E-08029 Barcelona
(3-4) 19 28 38 · Fax 3-4 19 95 85

Sweden: S-16353 Spånga
(08) 7 61 79 80 · Fax (08) 36 44 42

Switzerland: CH-8604 Volketswil
(01-9 46 09 66 · Fax 01-9 46 09 70

USA: Illinois 60195-5211
(847) 5 19-77 00 · Fax (847) 5 19-97 71

East-Europe: D-01219 Dresden
(03 51) 2 54 70 11 · Fax (03 51) 2 54 70 12

Representatives

Australia

Denmark: DK-2840 Holte

(42 42 32 11 · Fax 42 42 34 50

Finland: SF-01721 Vantaa

(0-85 26 61 · Fax 0-85 26 68 20

India: Mumbai, 400 015

(022) 4 13 51 51 + 4 13 63 27 · Fax (022) 4 14 78 20

Portugal: P-1000 Lisboa

(01) 7 96 67 32/85 · Fax (01) 7 96 09 24

South-Africa: Witfield 1467, R. S. A.

(011) 8 45 33 25 · Fax (011) 8 45 40 77

Turkey: Beyoglu 80050 Istanbul

(2 12) 2 43 50 50 · Fax (2 12) 2 49 01 43

World Headquarters

HARTING KGaA

Postfach 1133

D-32325 Espelkamp

(057 72) 47-0, Tx 9 72 310 he d

Fax (057 72) 47-4 62

Production Factories

Germany, Great Britain,
Hong Kong, Switzerland

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