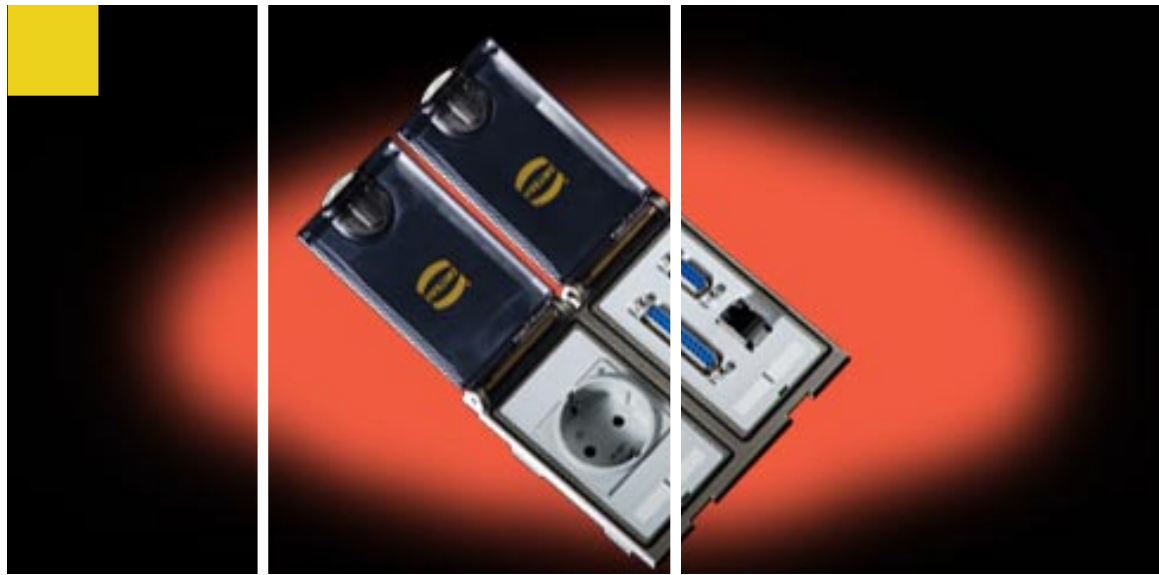
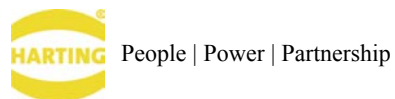


HARTING Electric



Han[®]-Port

Interfaces for Power and Signals



Features

- Plug sockets for the European and international market
- Standard interfaces for easy connection of devices within and outside of the control cabinet
- Suitable for rough industrial environments

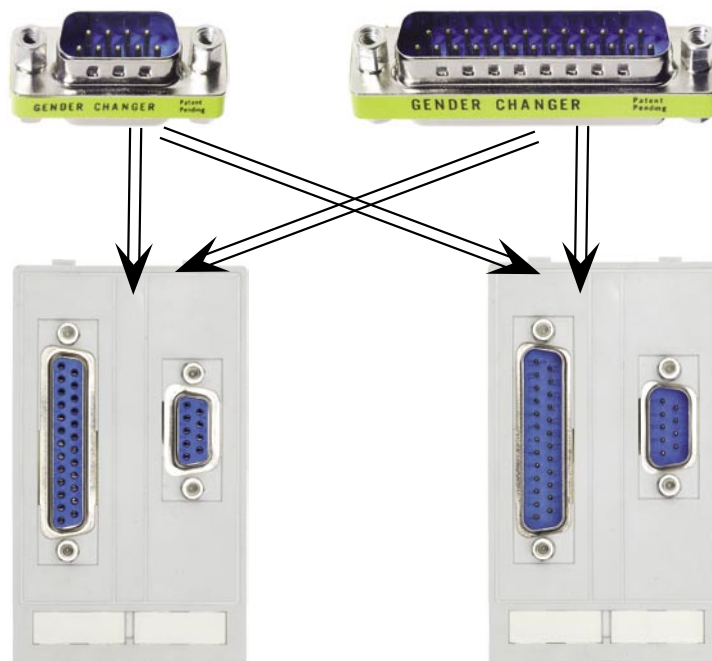
Benefits

- Modular assembly, suitable for different adaptor plates
- Lockable cover guarantees security
- Individual marking possible
- Easy and flexible customer specific solutions
- Professional design
- Protection degree IP 65 (with closed cover)
- EMC shielding for data cables
- Operating voltage display (indication)
- Clear labelling

Termination technology of data connector

Gender Changer

- Termination technology pluggable from both sides
- No soldering necessary
- Assembly male/female interchangeable



Technical Details

Frames

Material	zinc die cast, smouthed surface
Suitable to wall thickness	1 up to 3 mm
Dimensions outside (HxWxD)	single 114 x 66 x 32 up to 62 mm (depending on equipment) double 114 x 131 x 32 up to 62 mm (depending on equipment)
Operating temperature range	-10°C up to +60°C
Stock temperature range	-25°C up to +60°C
Protection degree	IP 65

Plug sockets

Max. nominal voltage	Germany (VDE) 250 V AC	USA (NEMA 5-15) 125 V AC	France (UTE) 250 V AC
Nominal frequency	50 Hz	60 Hz	50 Hz
Max. nominal current	10 - 16 A	15 A	10 - 16 A
LED display	yellow ¹⁾	-	yellow
Terminal	screw terminals	screw terminals	screw terminals
Mounting depth assembled	ca. 62 mm	ca. 20 mm	ca. 62 mm

Plug sockets

Max. nominal voltage	Great Britain (BS) 250 V AC	Italy 250 V AC	Australia 250 V AC
Nominal frequency	50/60 Hz	50 Hz	50/60 Hz
Max. nominal current	13 A	10 - 16 A	10 A
LED display	-	-	-
Terminal	screw terminals	screw terminals	screw terminals
Mounting depth assembled	ca. 20 mm	ca. 20 mm	ca. 20 mm

Data connectors

Max. nominal voltage	SUB-D 125 V AC/150 V DC	RJ45 50 V AC/DC	USB 30 V AC/DC
Nominal frequency	3 A	1 A	1 A
Locking	UNC 4 ... 40 bolt	stop bolt	snap-in
Specification	DIN 41 652 / IEC 807	CAT 5e	size A acc. to 2.0
Mounting depth assembled	ca. 32 mm	ca. 32 mm	ca. 80 mm

Terminal

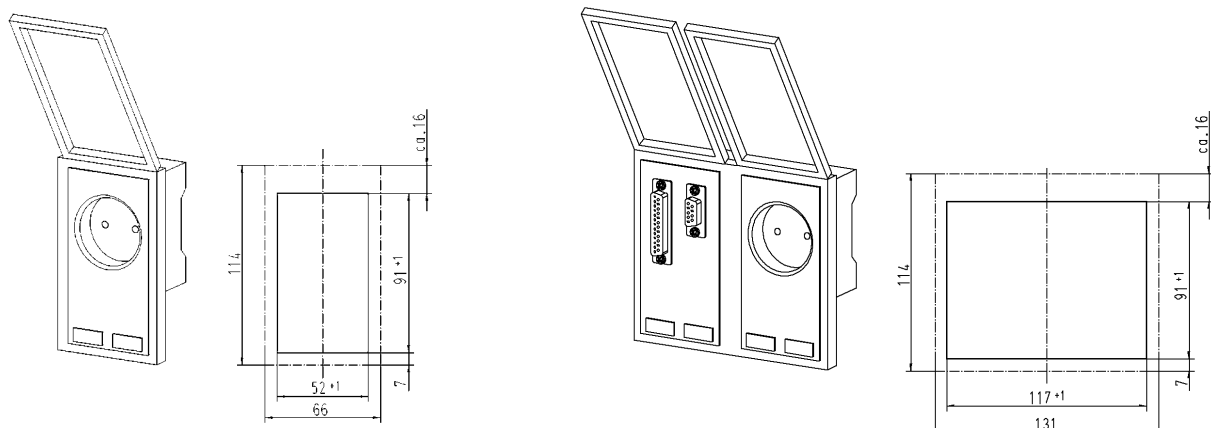
Gender Changer	interchangeable termination technology
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1) Plug socket yellow without LED display





Drawings




Dimensions in mm

Panel cut out (—) for not centred assembly to the outer edge (- - - - -) of the front panel suitable to wall thickness 1 - 3 mm




Frame		
	Part-Number	Depiction
<p>single metal version, nickel plated silver, transparent electrically conductive IP 65 (transparent cover)</p>	3950 000 0100	
<p>double metal version, nickel plated silver, transparent electrically conductive IP 65 (transparent cover)</p>	3950 000 0200	
Accessories		
	Part-Number	Depiction
<p>Blind plates flat free space for self assembly of connectors or switches free space 45 x 75 mm,</p>	3950 000 0890	
<p>Identification strips 4 rows à 20 pieces</p>	3950 000 0900	


Plug sockets	Part-Number	Depiction
<p>Germany (VDE) with LED display screw terminal max. 6 mm² connection at the rear</p>	<p>3950 001 0001</p>	
<p>Germany (VDE), yellow¹⁾ for assembly in front of main switch flourescent colour yellow (RAL 1016) screw terminal for max. 6 mm² connection at the rear</p> <p>1) Plug socket yellow without LED display</p>	<p>3950 001 0002</p>	
<p>USA (NEMA 5-15) finger protected screw terminal for max. AWG 14 (2.5 mm²)</p>	<p>3950 001 0004</p>	
<p>France (UTE) with LED display screw terminal for max. 6 mm² connection at the rear</p>	<p>3950 001 0005</p>	

Plug sockets	Part-Number	Depiction
<p>Great Britain (BS) finger protected screw terminal for max. 4 mm²</p>	<p>3950 001 0006</p>	
<p>Italy double (CEI 23-16) finger protected screw terminal for max. 2.5 mm²</p>	<p>3950 001 0007</p>	
<p>Australia with screw terminal for max. 2.5 mm²</p>	<p>3950 001 0009</p>	

Data connectors	Part-Number	Depiction
<p>2 x SUB-D9 2 x female/male Gender Changer not screened</p>	<p>3950 003 0020</p>	
<p>1 x SUB-D9 1 x female/female Gender Changer not screened</p>	<p>3950 003 0024</p>	
<p>1 x SUB-D9, 1 x SUB-D25 2 x female/male Gender Changer not screened</p>	<p>3950 003 0040</p>	
<p>1 x SUB-D25 1 x female/male Gender Changer not screened</p>	<p>3950 003 0074</p>	

Data connectors	Part-Number	Depiction
<p>2 x USB size A 2 x USB size A acc. to specification 2.0 female/female Gender Changer screened</p>	<p>3950 002 0093</p>	
<p>1 x RJ45, 2 x SUB-D9 1 x RJ45 8-pins, metal, CAT5e female/female, Gender Changer 1 x SUB-D 9, female/female, Gender Changer 1 x SUB-D 9, male/male, Gender Changer not screened</p>	<p>3950 003 0111</p>	
<p>2 x RJ45 2 x RJ45 8-pins, metal, CAT5e female/female, Gender Changer screened</p>	<p>3950 002 0120</p>	
<p>1 x USB size A, RJ45, SUB-D9 1 x USB size A, acc. to specification 2.0 female/female, Gender Changer 1 x RJ45 8-pins, metal, CAT5e 1 x SUB-D9, female/male, Gender Changer screened</p>	<p>3950 002 0143</p>	

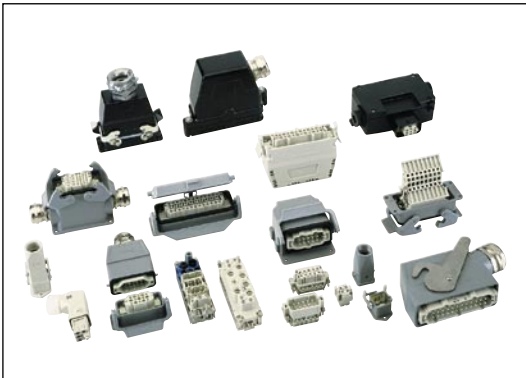
Data connectors	Part-Number	Depiction
<p>1 x RJ45, SUB-D9, SUB-D25</p> <p>1 x RJ45 8-pins, metal, CAT5e, Gender Changer</p> <p>1 x SUB-D9, female/male, Gender Changer</p> <p>1 x SUB-D25, female/male, Gender Changer not screened</p>	<p>3950 003 0170</p>	

Cables for			Part-Number	Depiction																									
<table border="0"> <thead> <tr> <th></th> <th>Length</th> <th>Terminal</th> </tr> </thead> <tbody> <tr> <td rowspan="4">SUB-D9</td> <td>2 m</td> <td>male/male</td> </tr> <tr> <td>5 m</td> <td>male/male</td> </tr> <tr> <td>2 m</td> <td>female/male</td> </tr> <tr> <td>5 m</td> <td>female/male</td> </tr> <tr> <td rowspan="2">SUB-D25</td> <td>1.8 m</td> <td>female/male</td> </tr> <tr> <td>5 m</td> <td>female/male</td> </tr> <tr> <td rowspan="2">USB, size A</td> <td>2 m</td> <td>male/male, size A acc. to specification 2.0</td> </tr> <tr> <td>5 m</td> <td>male/male, size A acc. to specification 2.0</td> </tr> <tr> <td rowspan="2">RJ45</td> <td>2 m</td> <td>8-pins, metal, CAT5e</td> </tr> <tr> <td>5 m</td> <td>8-pins, metal, CAT5e</td> </tr> </tbody> </table>		Length	Terminal	SUB-D9	2 m	male/male	5 m	male/male	2 m	female/male	5 m	female/male	SUB-D25	1.8 m	female/male	5 m	female/male	USB, size A	2 m	male/male, size A acc. to specification 2.0	5 m	male/male, size A acc. to specification 2.0	RJ45	2 m	8-pins, metal, CAT5e	5 m	8-pins, metal, CAT5e	<p>3950 903 0010</p> <p>3950 903 0011</p> <p>3950 903 0020</p> <p>3950 903 0021</p> <p>3950 903 0040</p> <p>3950 903 0041</p> <p>3950 903 0050</p> <p>3950 903 0051</p> <p>3950 903 0060</p> <p>3950 903 0061</p>	
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SUB-D25	1.8 m	female/male																											
	5 m	female/male																											
USB, size A	2 m	male/male, size A acc. to specification 2.0																											
	5 m	male/male, size A acc. to specification 2.0																											
RJ45	2 m	8-pins, metal, CAT5e																											
	5 m	8-pins, metal, CAT5e																											



Notes

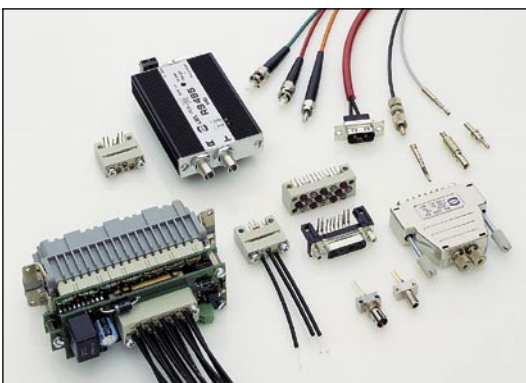
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Austria

HARTING Ges. m. b. H.
Deutschstraße 3, A-1230 Wien
Phone +431/6162121
Fax +431/6162121-21
E-Mail: at@HARTING.com

Belgium

HARTING N.V./S.A.
Doornveld 8, B-1731 Zellik
Phone +322/4660190, Fax +322/4667855
E-Mail: be@HARTING.com

Brazil

HARTING Ltda.
Av. Dr. Lino de Moraes Leme, 255
Pq. Jabaquara
CEP 04360-001 - São Paulo - SP - Brazil
Phone +5511/5034-0073
Fax +5511/5034-4743
E-Mail: br@HARTING.com

China

HARTING (HK) Limited
Shanghai Representative Office
Room 2302 Hong Kong Plaza South Tower
283 Huai Hai Road (M)
Shanghai 200021, China
Phone +86 21-6390-6935, 6390-6936
Fax +86 21-6390-6399
E-Mail: ChinaSales@HARTING.com.cn

Czech Republic

HARTING spol. s.r.o.
Mlýnská 2, 16000 Praha 6
Phone +4202/20380450
Fax +4202/20380451
E-Mail: HARTING@HARTING.cz
Internet: www.HARTING.cz

Finland

HARTING Oy
Hakamaenkujä 11 A, FIN-01510 Vantaa
Phone +358 9 350 87 300, Fax +358935087320
E-Mail: fi@HARTING.com

France

HARTING France, Paris Nord 2
B.P.60058 Tremblay en France, 181, av. des Nations
F-95972 Roissy Charles de Gaulle Cédex
Phone +33149383400
Fax +33148632306
E-Mail: fr@HARTING.com

Germany

HARTING Deutschland GmbH & Co. KG
Postfach 2451, D-32381 Minden
Simeons carré 1, D-32427 Minden
Phone +49571/8896-0
Fax +49571/8896-282
E-Mail: de.sales@HARTING.com

Great Britain

HARTING Ltd.
Caswell Road, Brackmills Industrial Estate
GB-Northampton, NN4 7PW
Phone +441604/766686, 827500
Fax +441604/706777
E-Mail: gb@HARTING.com
Internet: www.HARTING.co.uk

Hong Kong

HARTING (HK) Limited
Regional Office Asia Pacific
4208 Metroplaza Tower 1, 223 Hing Fong Road
Kwai Fong, N. T., Hong Kong
Phone +852/2423-7338, Fax +852/2480-4378
E-Mail: AsiaPacific@HARTING.com.hk

Italy

HARTING SpA
Via Dell' Industria 7
I-20090 Vimodrone (Milano)
Phone +3902/250801, Fax +3902/2650597
E-Mail: it@HARTING.com

Japan

HARTING K. K.
Yusen Shin-Yokohama 1 Chome Bldg., 2F
1-7-9, Shin-Yokohama, Kohoku-ku, Yokohama
222-0033 Japan
Tel: +81 45 476 3456
Fax: +81 45 476 3466
E-Mail: JapanSales@HARTING.com
Internet: www.HARTING.co.jp

Korea

HARTING Korea Limited
14/F FKI Building, 28-1 Yoido-dong
Youngdungpo-Gu, Seoul 150-756, Korea
Phone +82 2-784-4614, 784-4615
Fax +82 2-3776-0070
E-Mail: KoreaSales@HARTING.co.kr

Netherlands

HARTING B.V.
Larenweg 44, NL-5234 KA, s-Hertogenbosch
Postbus 3526, NL-5203 DM, s-Hertogenbosch
Phone +3173/6410404
Fax +3173/6440699
E-Mail: verkoop.nl@HARTING.com

Norway

HARTING A/S
Østensjøveien 36, N-0667 Oslo
Phone +4722/700555
Fax +4722/700570
E-Mail: no@HARTING.com

Portugal

HARTING Iberia S.A.
Josep Tarradellas 20-30 4^o 6^a
E-08029 Barcelona
Phone +34 933 638 475
Fax +34 934 199 585
E-Mail: es@HARTING.com

Russia

HARTING ZAO
ul. Tobolskaja 12
Saint Petersburg, 194044 Russia
Phone +7/812/3276477
Fax +7/812/3276478
E-Mail: info@HARTING.ru
Internet: www.HARTING.ru

Singapore

HARTING Singapore Pte Ltd.
No. 1 Coleman Street, #B1-21 The Adelphi
Singapore 179803
Phone +6562255285, Fax +6562259947
E-Mail: SEAsiaSales@HARTING.com.my

Spain

HARTING Iberia S.A.
Josep Tarradellas 20-30 4^o 6^a
E-08029 Barcelona
Phone +34 933 638 475
Fax +34 934 199 585
E-Mail: es@HARTING.com

Sweden

HARTING AB
Gustavslundvägen 141B; S-16751 Bromma
Phone +468/4457171
Fax +468/4457170
E-Mail: se@HARTING.com

Switzerland

HARTING AG
Industriestrasse 26, CH-8604 Volketswil
Phone +4119082060, Fax +4119082069
E-Mail: ch.zh@HARTING.com

Taiwan

HARTING R.O.C. Limited
Room 6, 10 Floor, No. 171
Sung-Te Road, Taipei, Taiwan
Phone +886-2-2346-3177
Fax +886-2-2346-2690
E-Mail: TaiwanSales@HARTING.com.tw

USA

HARTING Inc. of North America
1370 Bowes Road
Elgin, Illinois 60123
Phone +1 847 / 741 1500
Fax +1 847 / 741 8257 (Customer Service)
Fax +1 847 / 717 9420 (Sales+Marketing)
E-Mail: more.info@HARTING.com
Internet: www.HARTING-USA.com

Eastern Europe

HARTING Eastern Europe GmbH
Marienwerderstraße 3, D-32339 Espelkamp
Phone +495772/47-802
Fax +495772/47-90 802
E-Mail: eastern.europe@HARTING.com

Other countries

Please contact your Global Business Unit

Argentina: Condel Electronica

Julian Agüero 3355
(1605) Munro - Pcia. de Buenos Aires
Phone + Fax +54 11 4762.0118
E-Mail: mediavicondel@arnet.com.ar
Roberto Mediavilla
Rivera Indarte 390; (5000) Córdoba
Phone +54 351 425-0567, Fax +54 351 421-2282
E-Mail: rmediavilla@arnet.com.ar

Australia

ADILAM Electronics Pty. Ltd.
14 Nicole Close, North Bayswater
3153 Victoria
Phone +61 3 9737 4900
Fax +61 3 9737 4999
E-Mail: mark.c@adilam.com.au
Internet: www.adilam.com.au

Denmark: Knud Wexøe A/S

Skaettekaeret 11, P.O. Box 152
DK-2840 Holte
Phone +45 45 46 58 00, Fax +45 45 46 58 01
wexoe@wexoe.dk; www.wexoe.dk

Finland: SKS-automaatio OY

Martinkyläntie 50, FIN-01721 Vantaa
Phone +358 9 852 661, Fax +358 9 852 68 20
E-Mail: automaatio@sk.fi

Estonia: SKS-tehnika Oü

Mustamäe tee 55; EE-10621 Tallinn
Phone +372-6819-234, Fax +372-6819-235
peeter.kuus@sk.fi

Hungary: Mile Kft.

Mádi u. 52; H-1104 Budapest
Phone +36-1-431-9800, Fax +36-1-431-9817
milekft@mile-kft.hu; www.mile-kft.hu

India: Sahajanand Impex Pvt. Ltd.

103/ 104, Magnum Opus
Shantinagar, Vakola Santacruz (East)
Mumbai - 400 055, INDIA
Phone +91-22-5692 5151
Fax +91-22-5692 1026
E-Mail: sales@sahajanand.com
Internet: www.sahajanand.com

Island: Smith & Norland

Nóatún 4; IS-105 Reykjavík
Phone +354 520 3000, Fax +354 520 3011
olaf@sminor.is; www.sminor.is

Polen: Soyter Sp. z o. o.

ul. Warszawska 3
05-082 Warszawa - Stare Babice
Phone +48 22 722 0 685
Fax +48 22 722 0 550
handlowy@soyter.com.pl; www.soyter.com

South-Africa

Hellermann Tyton Pty Ltd.
Private Bag X158 Rivonia 2128
34 Milky Way Avenue
Linbro Business Park 2065
Johannesburg, South Africa
Phone +27 (0)11 879-6600
Fax +27 (0)11 879-6606
E-Mail: sales.jhb@hellermann.co.za

Turkey

Gökhan Elektrik San. Tic. Ltd. Sti.
Perpa Elektrikçiler Is Merkezi A Blok
Kat:7-8-9 No.694
TR - 80270 Okmeydani/Istanbul
Phone +90 (212) 2 21 32 36 (pbx)
Fax +90 (212) 2 21 32 40
E-Mail: gokhan@gokhanelektrik.com

Global Business Unit Electric



HARTING Electric GmbH & Co. KG

P.O. Box 1473
D-32328 Espelkamp
Phone +49 57 72/47-97 100
Fax +49 57 72/47-4 95
E-Mail: HARTING.electric@HARTING.com
Internet: www.HARTING.com