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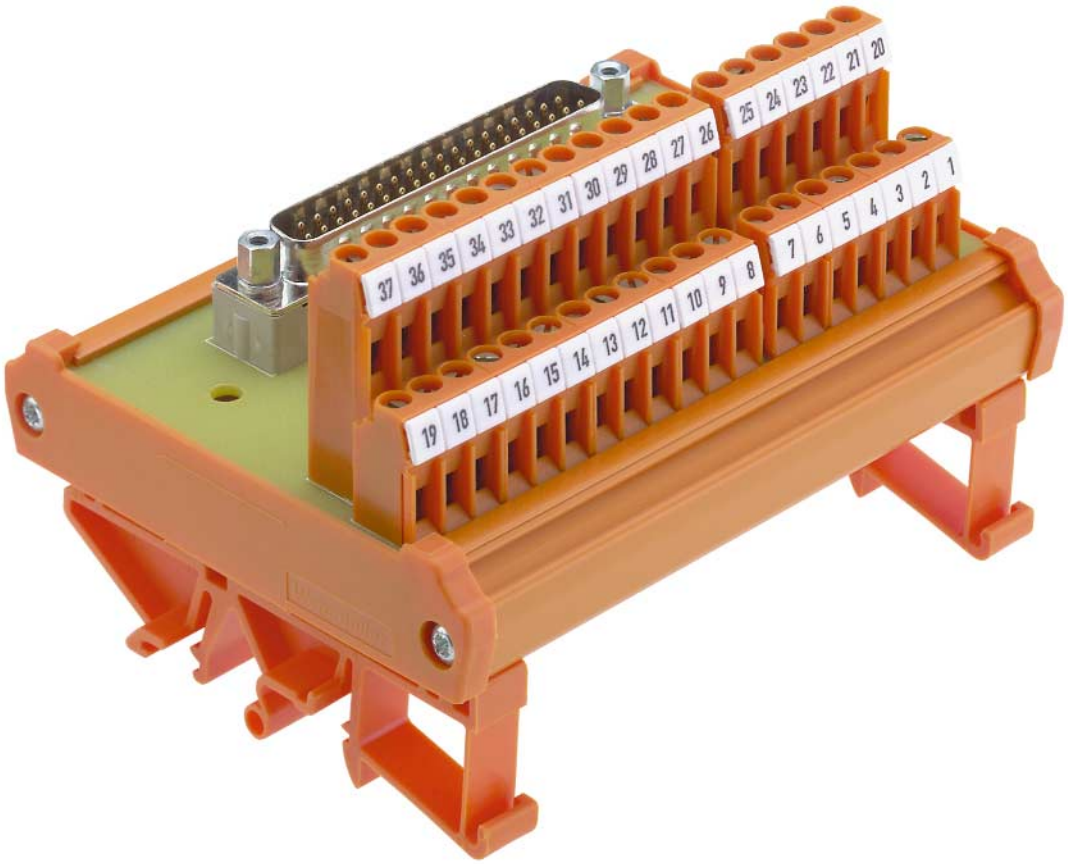
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Weidmüller Interface Units

From the point of view of saving costs when producing switchgear cabinets, interface units offer an alternative concept to the wiring of single conductors.
The main task of interface units is the trouble-free conversion of standardised plug-in connector systems to single conductor wiring or to another connection system.

Interface units are composed of the following components:

- extrusion profile for insertion of the card
- end plate for mounting rail installation
- mounting feet for installing onto standardised TS 32 and TS 35 mounting rails
- printed-circuit board with connection and indicating elements, preassembled DIN plug-in connectors and tag carriers for marking electrical equipment

The plug-in connectors used in the interface units are divided into the following groups:

- ribbon cable plug-in connectors according to IEC 603-1/DIN 41 651.
- subminiature connectors (SUB-D) according to IEC 807-2/DIN 41 652.
- connectors for printed circuits according to IEC 603/DIN 41 612 and 41 617.
- ELCO connectors for EXi applications in the processing industry

Pre-assembled cables with corresponding plug-in connector systems are used for connections between higher-level controls and interface units.

This is where the user has the largest potential for saving costs. The use of system cables with large numbers of poles considerably reduces wiring costs, consisting of wage and material costs. The conversion to single conductor wiring is made directly at the interface unit. The user is offered screw / tension clamp or plug-in connections to connect actuators and sensors. Optional additional functions such as status indicators, signal separation, fuses or shielding can be integrated. Marking systems ease the task of assigning signals to the respective elements.

Advantages of interface units:

- space-saving mounting by using two and three tier card connection elements.
- cost saving, unilateral conventional single conductor wiring.
- more protection against faulty wiring.
- additional options:
  Status indication by integrating LEDs on the interface unit.
- faster troubleshooting thanks to additional test and measurement devices.
- simplified commissioning and documentation.

Using interface units allows trend-setting rationalisation concepts to be carried out in switchgear cabinet manufacturing. Not only do they reduce the share of pure labour costs of wiring tasks, but also the share of costs for materials, such as cable and conductors, cable ducts, terminal blocks and terminal boxes.

Customer-specific wiring concepts are efficiently put into practice by the use of special interface units.

Interface unit RSF for ribbon cables in accordance with IEC 603-1/DIN 41 651



Passive interface for 10...64 signals to adapt pre-assembled ribbon cable plug-in connectors to a screw or tension clamp connection in accordance with IEC 603-1/ DIN 41 651.

Combined with an LED status indicator, the modules provide rapid information on the switching status of incoming and outgoing signals within a control unit.

Interface unit RSSD for subminiature plug-in connectors (SUB-D) in accordance with IEC 807-2/DIN 41 652



Passives interface for 9 ... 50 signals for convertion of preassembled cables with SUB-D connectors in accordance with IEC 807-2/DIN 41 652 to screw or tension clamp connection technology. The modules are delivered with either socket strips (female) or pin headers (male). A spacer block between the plug-in connectors and the card takes up the mechanical forces created by the connected cable. RSSD interface units are optionally available with a frame terminal for connecting shielded conductors. An additional potential connection eases testing and measuring during commissioning and maintenance tasks.

RS VERT interface units as potential distributors



Passive interface for distributing DC supply voltages. The interface units are available in three versions for distribution to 8, 16 and 72 connection elements for the positive and negative potentials.

- 8- 16-channel distributors in 45-mm, 72-channel distributors in 100-mm widths.
- power supply via two connection elements respectively for positive and negative potentials.
- Mount on to TS 32/35 mounting rails.

RS VERT potential distributors can be installed in small distributor boxes, and provide a clearly arranged potential distribution.

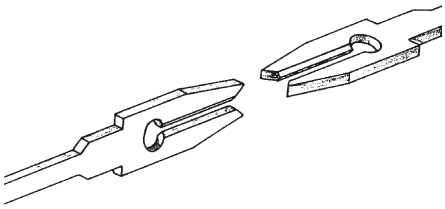
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Interface units RSELCO for hermaphrodictic plugs



Passive interface to convert hermaphrodictic ELCO mulitpole connectors to input and output with screw connections.

Hermaphroditic contacts are achieved by a fork that is identical at both ends of the connection.



The advantage of this type of connector is essentially the large contact area (making it suitable for low currents), the long operational lifetime, and the high resistance to shock and vibration.

An adjustment screw eases insertion, and ensures a reliable interlock of the pair of connectors.

All types are available as “left” and “right” versions.

All interface units are supplied individually marked with consecutive numbering, and can be fitted with 6-digit group markers. The universal foot allows all modules to be assembled onto TS 32, TS 35x7.5 and TS 35x15 mounting rails in accordance with the European standards EN 50 035 and EN 50 022.

Interface unit RSDIN for plug-in connectors according to IEC 603/ DIN 41 612 and 41 617



Passive interface for adapting the female and male connector blocks in the design versions B, C, D and F with screw connections.

Card holders for adapting rack cards in Euro format to plug-in connectors according to IEC603 / DIN 41612 and DIN 41617



Card holders enable the fast conversion of electronic components.

As with interface units, IEC 803/ DIN 41612/617 plug-in connectors on card holders are converted to screw /push-on connection technology.

The card holders are constructed as follows:

- card with PCB terminals and standarised plug-in connector for mounting an electronic module in 19` Euro format: 160x100 or 233x160 mm
- retension pillars and interlock for securing the card
- mounting plate and mounting foot for mounting directly or onto mounting rails.

The SKH2 card holder range is distinguished by its design and functionality

- 19” Euro card completely protected at the rear against foreign bodies.
- eject mechanism guarantees one-hand operation
- electronic module can be secured to the front, similar to the 19` rack

Card holders are used in industrial applications where individual 19” modules need to be quickly adapted, but the costs for 19” card racks are too high. Card racks are voluminous, and are generally only accessible from the rear. As a rule, they do not have screw / tension clamp connections for external wiring, which makes them difficult to handle for wiring purposes.

Card holders are considered in the first place

- if only a few cards are to be installed and connected
- if the conductor card is placed decentralized, i.e., favourable for wiring
- if older installations are to be extended with additional electronic modules

Other typical applications are test equipment and testing modules in production processes and laboratories.

This is where a fast exchange of the card and an optimum handling of the connection level are of a premium.

Standards

The following standards are fulfiled:

EN 50178 Fitting heavy voltage installations with electronic equipment

DIN VDE 0109 Coordination of insulation in low voltage installations including clearance and creepage distances for assembled cards.

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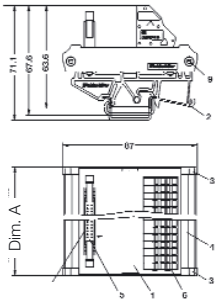
Interface Units

For ribbon cable connections according to IEC 603-1/DIN 41 651

- With fixing foot for TS 32, TS 35 x 7.5 and TS 35 x 15
- Male connector block with interlock for female connector block with strain relief according to DIN 41 651/ Parts1 and 2
- RSF on FS 45 profile is equipped with an additional potential connection for test purposes
- Optionally available with tension clamp or Screw connection

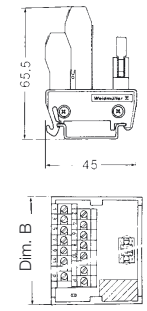
RSF ... Z
Interface units
for ribbon cables
Tension clamp





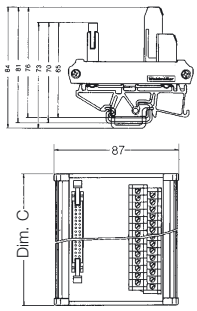
RSF
Interface units
for ribbon cables
on RS 45-profile
Screw connection





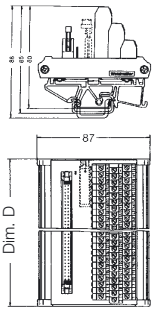
RSF
Without status indicator
Screw connection





RSF
Without status indicator
Screw connection





Ordering data/dimensions (mm)					Type	Cat. No.	Type	Cat. No.	Type	Cat. No.	Type	Cat. No.
Poles	**Dim. A**	**Dim. B**	**Dim. C**	**Dim. D**								
10	50	49	50	40	RSF 10 Z	**8537190000**	RSF 10	**8155610000**	RSF 10	**0224961001**	RSF 10	**8012850000**
14	50	56	50	45	RSF 14 Z	**8537200000**	RSF 14	**8258980000**	RSF 14	**0225061001**	RSF 14	**8012860000**
16	55	64	55	50	RSF 16 Z	**8537210000**	RSF 16	**8265540000**	RSF 16	**0225161001**	RSF 16	**8012870000**
20	65	71	65	50	RSF 20 Z	**8537110000**	RSF 20	**8155600000**	RSF 20	**0224261001**	RSF 20	**8012910000**
26	80	86	80	55	RSF 26 Z	**8537180000**	RSF 26	**8213470000**	RSF 26	**0224861001**	RSF 26	**8012920000**
34	110	106	110	70	RSF 34 Z	**8537130000**	RSF 34	**8155590000**	RSF 34	**0224361001**	RSF 34	**8012930000**
40	115	121	115	80	RSF 40 Z	**8537140000**	RSF 40	**8155580000**	RSF 40	**0224461001**	RSF 40	**8012940000**
50	145	151	145	95	RSF 50 Z	**8537150000**	RSF 50	**8155570000**	RSF 50	**0224561001**	RSF 50	**8012950000**
60	180	180	180	115	RSF 60 Z	**8537160000**	RSF 60	**8259000000**	RSF 60	**0224661001**	RSF 60	**8012960000**
64	180	186	180	120	RSF 64 Z	**8537170000**	RSF 64	**8155550000**	RSF 64	**0224761001**	RSF 64	**8012970000**
On TS 35 x 7.5											Intended for tag carrier Type SchT 7/2	
											Cat. No.	**1359360000**

Dimensions				
Insulation stripping length	7.5 mm	7 mm	7 mm	7 mm
Overall width	See table, dim. A	See table, dim. B	See table, dim. C	See table, dim. D
Connection cross-section				
max. terminal range in mm²				
Screw connection, solid H07V-U	0.5…2.5 mm²	0.5…2.5 mm²	0.5…4 mm²	0.5…2.5 mm²
Screw connection, flexible H07V-U	0.5…1.5 mm²	0.5…1.5 mm²	0.5…2.5 mm²	0.5…1.5 mm²
Screw connection, flexible H07V-U with AEH/DIN 46228/1/4	0.25…1.5 mm²			
Conductor cross-section	AWG 26…16	AWG 26…16	AWG 26…14	AWG 26…16
Conversion connection level/plug connection	1: 1	1: 1	1 : 1	1 : 1
Housing/socket type	RS 80 profile/TS 32 and TS35	RS 45 profile/TS 35	RS 80 profile/TS 32 and 35	RS 80 profile/TS 32 and 35
Connection type - Process side	Tension clamp	Screw connection	Screw connection	Screw connection
- Type	LM2NZF terminal	LPK 2 H terminal	LP2N terminal	LPK 3 terminal
- Control side	Plug connection	Plug connection	Plug connection	Plug connection
- Type	Ribbon connector i.a.w. to DIN 41 651 / IEC 603-1	Ribbon connector i.a.w. to DIN 41 651 / IEC 603-1	Ribbon connector i.a.w. to DIN 41 651 / IEC 603-1	Ribbon connector i.a.w. to DIN 41 651 / IEC 603-1
Rated data				
Rated voltage	60 V~, 75 V–[1])	60 V~, 75 V–[1])	60 V~, 75 V–[1])	60 V~, 75 V–[1])
Rated current per contact	1 A	1 A	1 A	1 A
Rated cross-section	1.5 mm²	1.5 mm²	2.5 mm²	1.5 mm²
Test voltage	1 kV~eff	1 kV~eff	1 kV~eff	1 kV~eff
Ambient temperature	0 °C…+55 °C	0 °C…+55 °C	0 °C…+55 °C	0 °C…+55 °C
Storage temperature	-40 °C…+70 °C	-40 °C…+70 °C	-40 °C…+70 °C	-40 °C…+70 °C
Insulation coordination according to EN 50 178				
Overvoltage category	III	III	III	III
Pollution degree	2	2	2	2

Accessories		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Mounting rail		TS 32	**0122800000**	–	TS 32	**0122800000**	–	TS 32	**0122800000**	–	TS 32	**0122800000**	–
		TS 35 x 7.5	**0383400000**	–	TS 35 x 7.5	**0383400000**	–	TS 35 x 7.5	**0383400000**	–	TS 35 x 7.5	**0383400000**	–
		TS 35 x 15	**0498000000**	–	TS 35 x 15	**0498000000**	–	TS 35 x 15	**0498000000**	–	TS 35 x 15	**0498000000**	–
End bracket	for TS 32	EWK 2	**0199360000**	50	EWK 2	**0199360000**	50	EWK 2	**0199360000**	50	EWK 2	**0199360000**	50
	for TS 35	EW 35	**0383560000**	50	EW 35	**0383560000**	50	EW 35	**0383560000**	50	EW 35	**0383560000**	50
Tag carrier type											SchT 7/2	**1359360000**	20
Insert tag (unprinted)											ESO 7	**0515200000**	10
Protective strip, transparent											STR 7	**0515300000**	10

[1]) The additional clause in EN 50 178 and in IEC 807-2/DIN 41 652 are to be observed when used in industrial installations.

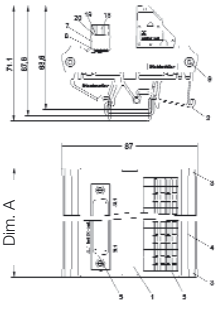
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For sub miniature plug-in connectors according to IEC 807-2/DIN 41 652

- With fixing foot for TS 32, TS 35 x 7.5 and TS 35 x 15
- Male and female connectors with screw/locking system UNC 4/40
- RSF on FS 45 profile is equipped with an additional potential connection for test purposes
- Optionally available with tension clamp or screw connection

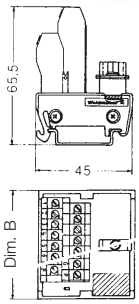
RSSD
Male and female connector
Tension clamp





RSSD
Interface units
for male and female connectors on RS 45-profile
Screw connection

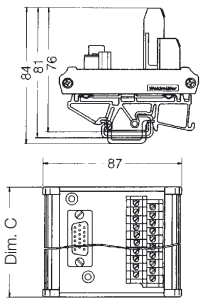




RSSD S
Male connector
without status indicator
Screw connection



RSSD B
Female connector
without status indicator
Screw connection



Ordering data/Dimensions (mm)			
Poles	**Dim. A**	**Dim. B**	**Dim. C**
9	45	50	45
15	60	61	60
25	80	86	80
37	110	116	110
50	145	154	145

	Type	Cat. No.
On TS 35 x 7.5	**Male connector**	
	RS SD 9 S	**8537260000**
	RS SD 15 S	**8537390000**
	RS SD 25 S	**8537370000**
	RS SD 37 S	**8537240000**
	RS SD 50 S	**8537350000**
	Female connector	
	RS SD 9 B	**8537320000**
	RS SD 15 B	**8537400000**
	RS SD 25 B	**8537380000**
	RS SD 37 B	**8537250000**
	RS SD 50 B	**8537360000**
	With UNC 4/40 interlock	

	Type	Cat. No.
	Male connector	
	RSSD 9 S	**8259010000**
	RSSD 15 S	**8233350000**
	RSSD 25 S	**8155650000**
	RSSD 37 S	**8155660000**
	RSSD 50 S	**8155670000**
	Female connector	
	RSSD 9 B	**8216480000**
	RSSD 15 B	**8209730000**
	RSSD 25 B	**8155620000**
	RSSD 37 B	**8155630000**
	RSSD 50 B	**8155640000**
	With UNC 4/40 interlock	

	Type	Cat. No.
	Male connector	
	RSSD 9 S	**8003901001**
	RSSD 15 S	**8005201001**
	RSSD 25 S	**8005181001**
	RSSD 37 S	**8003881001**
	RSSD 50 S	**8005161001**
	With UNC 4/40 interlock	

	Type	Cat. No.
	Female connector	
	RSSD 9 B	**8003911001**
	RSSD 15 B	**8005211001**
	RSSD 25 B	**8005191001**
	RSSD 37 B	**8003891001**
	RSSD 50 B	**8005171001**
	With UNC 4/40 interlock	

Dimensions				
Insulation stripping length		7.5 mm	7 mm	7 mm	7 mm
Overall width		See table, dim. A	See table, dim. B	See table, dim. C	See table, dim. C
Connection cross-section					
Max. terminal range in mm²					
Screw connection, solid H07V-U		0.5…2.5 mm²	0.5…2.5 mm²	0.5…4 mm²	0.5…4 mm²
Screw connection, flexible H07V-U		0.5…1.5 mm²	0.5…1.5 mm²	0.5…4 mm²	0.5…4 mm²
Screw connection, flexible H07V-U with AEH/DIN 46228/1/4		0.25…1.5 mm²			
Conductor cross-section		AWG 26…16	AWG 26…16	AWG 26…14	AWG 26…14
Conversion connection level/plug connection		1 : 1	1 : 1	1 : 1	1 : 1
Housing/socket type		RS 80 profile/TS 32 and TS 35	RS 45 profile/TS 35	RS 80 profile/TS 32 and 35	RS 80 profile/TS 32 and 35
Connection type	- Process side	Tension clamp connection	Screw connection	Screw connection	Screw connection
	- Type	LM2NZF terminal	LPK 2 H terminal	LP2N terminal	LP2N terminal
	- Control side	Plug connection	Plug connection	Plug connection	Plug connection
	- Type	Sub-D i.a.w. DIN 41 652 IEC 807-2	Sub-D i.a.w. DIN 41 652 IEC 807-2	Sub-D i.a.w. DIN 41 652 IEC 807-2	Sub-D i.a.w. DIN 41 652 IEC 807-2
Rated data					
Rated voltage		125 V~, 150 V–[1])	125 V~, 150 V–[1])	125 V~, 150 V–[1])	125 V~, 150 V–[1])
Rated current per contact		1.5 A	1.5 A	1.5 A (max. 45 °C amb. temp.)	1.5 A (max. 45 °C amb. temp.)
Rated cross-section		1.5 mm²	1.5 mm²	2.5 mm²	2.5 mm²
Test voltage		1 kV~eff	1 kV~eff	1 kV~eff	1 kV~eff
Ambient temperature		0 °C…+55 °C	0 °C…+55 °C	0 °C…+55 °C	0 °C…+55 °C
Storage temperature		-40 °C…+70 °C	-40 °C…+70 °C	-40 °C…+70 °C	-40 °C…+70 °C
Insulation coordination according to EN 50 178					
Overvoltage category		III	III	III	III
Pollution degree		2	2	2	2

Accessories		Type	Cat. No.	Qty.
Mounting rail		TS 32	**0122800000**	–
		TS 35 x 7.5	**0383400000**	–
		TS 35 x 15	**0498000000**	–
End bracket	for TS 32	EWK 2	**0199360000**	50
	for TS 35	EW 35	**0383560000**	50
Screw lock		SUB-D4/40	**1155000000**	2
Tag carrier type				
Insert tag (unprinted)				
Protective strip, transparent				

Type	Cat. No.	Qty.
TS 35 x 7.5	**0383400000**	–
TS 35 x 15	**0498000000**	–
EW 35	**0383560000**	50
SUB-D4/40	**1155000000**	2

Type	Cat. No.	Qty.
TS 32	**0122800000**	–
TS 35 x 7.5	**0383400000**	–
TS 35 x 15	**0498000000**	–
EWK 2	**0199360000**	50
EW 35	**0383560000**	50
SUB-D 4/40	**1155000000**	2
ESO 7	**0515200000**	10
STR 7	**0515300000**	10

Type	Cat. No.	Qty.
TS 32	**0122800000**	–
TS 35 x 7.5	**0383400000**	–
TS 35 x 15	**0498000000**	–
EWK 2	**0199360000**	50
EW 35	**0383560000**	50
SUB-D 4/40	**1155000000**	2
SchT 7/2	**1359360000**	20
ESO 7	**0515200000**	10
STR 7	**0515300000**	10

[1]) The additional clause in EN 50 178 and in IEC 807-2/DIN 41 652 are to be observed when used in industrial installations

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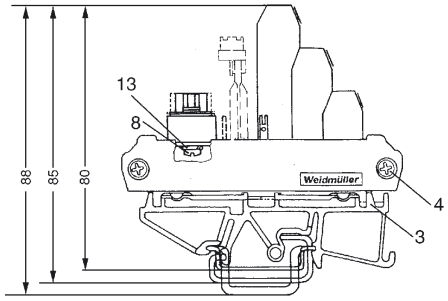
For sub miniature plug-in connectors according to IEC 807-2/DIN 41 652

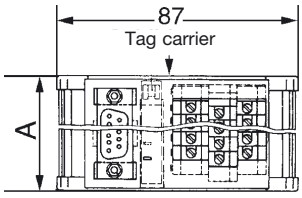
- With fixing foot for TS 32, TS 35 x 7.5 and TS 35 x 15
- Male and female connectors with screw/locking system UNC 4/40
- 3-tier connection elements reduce module size
- Ground connection for shielded cables
- Test connection for measurement purposes

RSSD S
Male connector
without status indicator
Screw connection

RSSD B
Female connector
without status indicator
Screw connection







Ordering data/dimensions (mm)	
Poles	**Dim. A**
9	40
15	45
25	60
37	80
50	100

Type	Cat. No.
Male connector	
RSSD 9 S	**8019930000**
RSSD 15 S	**8019940000**
RSSD 25 S	**8019950000**
RSSD 37 S	**8019960000**
RSSD 50 S	**8019970000**
designed for tag carrier SchT 7/2 Cat. No. 1359360000	
Lock to UNC 4/40	

Type	Cat. No.
Female connector	
RSSD 9 B	**8019880000**
RSSD 15 B	**8019890000**
RSSD 25 B	**8019900000**
RSSD 37 B	**8019910000**
RSSD 50 B	**8019920000**
designed for tag carrier SchT 7/2 Cat. No. 1359360000	
Lock to UNC 4/40	

Dimensions			
Insulation stripping length		7 mm	7 mm
Overall width		See table, dim. A	See table, dim. A
Connection cross-section			
Screw connection, solid		0.5…2.5 mm²	0.5…2.5 mm²
Screw connection, flexible		0.5…1.5 mm²	0.5…1.5 mm²
Conductor cross-section		AWG 26…16	AWG 26…16
Conversion connection level/plug connection		1 : 1	1 : 1
Housing/socket type		RS 80 profile/TS 32 and 35	RS 80 profile/TS 32 and 35
Connection type	- Process side	Screw connection	Screw connection
	- Type	LPK 3 terminal	LPK 3 terminal
	- Control side	Plug connection	Plug connection
	- Type	Sub-D i.a.w. DIN 41 652 IEC 807-2	Sub-D i.a.w. DIN 41 652 IEC 807-2

Rated data			
Rated voltage		125 V~, 150 V–[1])	125 V~, 150 V–[1])
Rated current per contact		1.5 A	1.5 A
Rated cross-section		1.5 mm²	1.5 mm²
Test voltage		1 kV~eff	1 kV~eff
Ambient temperature		0 °C…+55 °C	0 °C…+55 °C
Storage temperature		-40 °C…+70 °C	-40 °C…+70 °C
Insulation coordination according to EN 50 178			
Overvoltage category		III	III
Pollution degree		2	2

Accessories		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Mounting rail		TS 32	**0122800000**	–	TS 32	**0122800000**	–
		TS 35 x 7.5	**0383400000**	–	TS 35 x 7.5	**0383400000**	–
		TS 35 x 15	**0498000000**	–	TS 35 x 15	**0498000000**	–
End bracket	for TS 32	EWK 2	**0199360000**	50	EWK 2	**0199360000**	50
	for TS 35	EW 35	**0383560000**	50	EW 35	**0383560000**	50
Screw lock		SUB-D 4/40	**1155000000**	2	SUB-D 4/40	**1155000000**	2
Tag carrier type		SchT 7/2	**1359360000**	20	SchT 7/2	**1359360000**	20
Insert tag (unprinted)		ESO 7	**0515200000**	10	ESO 7	**0515200000**	10
Protective strip, transparent		STR 7	**0515300000**	10	STR 7	**0515300000**	10

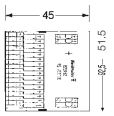
[1]) The additional clause in EN 50 178 and in IEC 807-2/DIN 41 652 are to be observed when used in industrial installations

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Distributors for 8, 16 and 72 positive and negative potentials

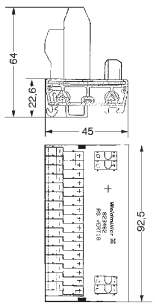
- Adapts 2 supply connections to 8/16 or 72 potential distribution terminals
- Potential distributer designed as two- or three-tier connection element
- RS VERT8 and RS VERT16 offer clearly arranged potential distribution in tight spaces.
  They are designed for residual currents of 10 A.
- RS LPK3/144 VERT is designed for residual currents of 20A.

RS VERT8 LPK2



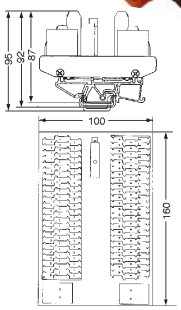
RS VERT16 LPK2





RS LPK3/144 VERT





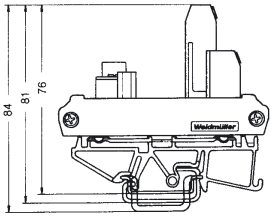
Ordering data/Dimensions (mm)	Type	Cat. No.	Type	Cat. No.	Type	Cat. No.
	RS VERT 8 LPK2	**8252010000**	RS VERT 16 LPK2	**8234620000**	RS LPK3/144 VERT	**8199510000**
Dimensions						
Insulation stripping length	7 mm		7 mm		7 mm	
Overall width	51.5 mm		92.5 mm		160 mm	
Connection cross-section						
Screw connection, solid core	0.5...2.5 mm^2		0.5...2.5 mm^2		0.5...2.5 mm^2	
Screw connection, flexible	0.5..0.1.5 mm^2		0.5..0.1.5 mm^2		0.5..0.1.5 mm^2	
Conductor cross-section	AWG 26...16		AWG 26...16		AWG 26...16	
Housing/socket type	RS 45 profile/TS 35		RS 45 profile/TS 35		RS 100 profile/TS 32 and 35	
Rated data						
Rated voltage	24 V0		24 V0		250 V-	
Max. residual current supply	10 A		10 A		20 A	
Potential distribution “plus”/”minus”	8		16		72	
Rated cross-section	1.5 mm^2		1.5 mm^2		1.5 mm^2	
Max. output current per terminal	5 A		5 A		10 A	
Ambient temperature	0 °C...+55 °C		0 °C...+55 °C		0 °C...+55 °C	
Storage temperature	-40 °C...+70 °C		-40 °C...+70 °C		-40 °C...+70 °C	
Insulation coordination according to EN 50 178						
Overvoltage category	III		III		III	
Pollution degree	2		2		2	
Accessories						
Mounting rail					TS 32	**0122800000** –
	TS 35 x 7.5	**0383400000** –	TS 35 x 7.5	**0383400000** –	TS 35 x 7.5	**0383400000** –
	TS 35 x 15	**0498000000** –	TS 35 x 15	**0498000000** –	TS 35 x 15	**0498000000** –
End bracket for TS 32					EWK 2	**0199360000** –
End bracket for TS 35	EW 35	**0383560000** –	EW 35	**0383560000** –	EW 35	**0383560000** –
Tag carrier type					SchT 7/2	**1359360000** –
Insert tag (unprinted)					ESO 7	**0515200000** –
Protective strip, transparent					STR 7	**0515300000** –

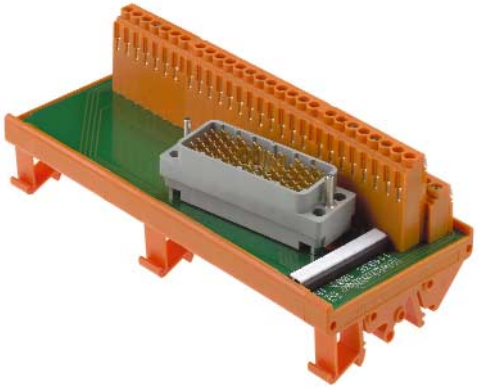
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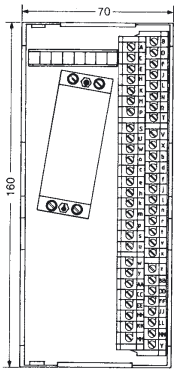
For hermaphroditic plugs

RSELCO

Short, 56-pole







Pin assignment:

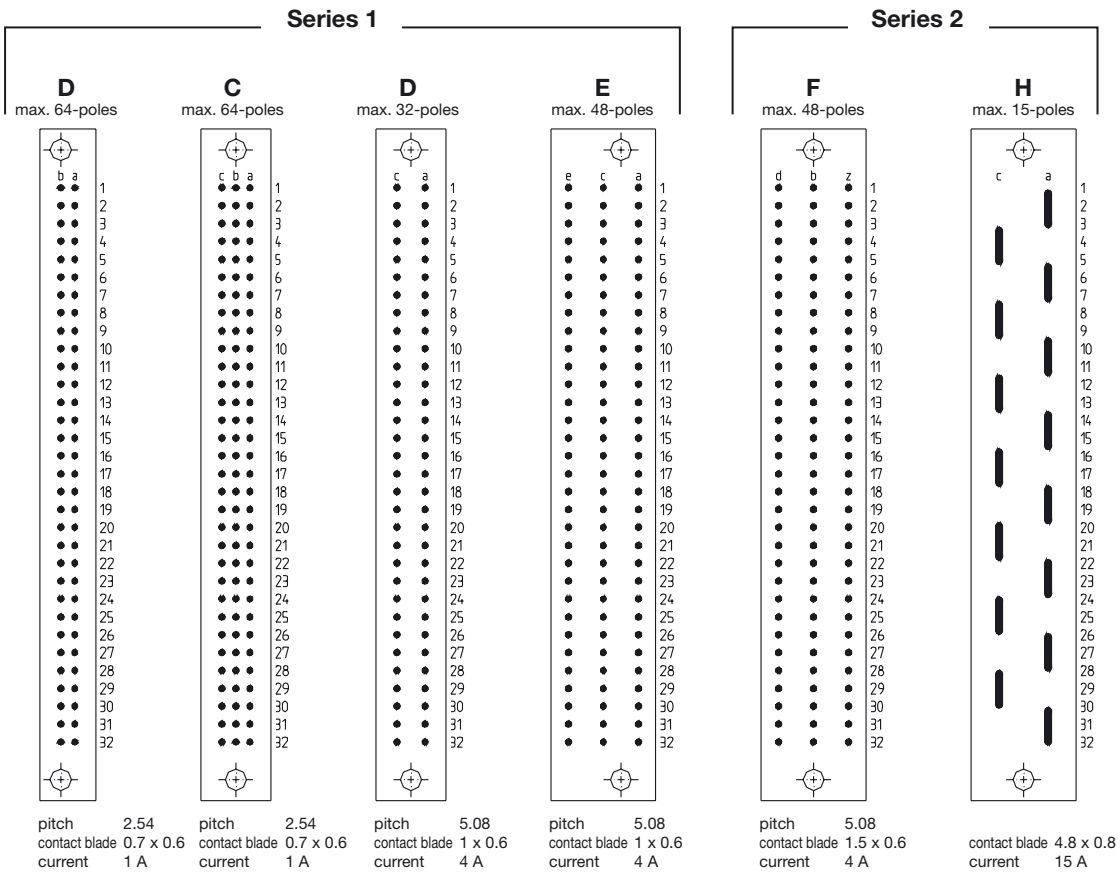
LP2N screw terminal	ELCO plug
1	A
2	B
19	W
20	X
Y	Y
21	a
22	b
42	z
43	AA
44	BB
32	n
33	p
34	r
42	z
43	AA
44	BB
53	MM
54	NN
Y	Y

Ordering data		Type	Cat. No.
		RSELCO, left	
			1149361001
		RSELCO, right	
			1149461001
Dimensions			
Insulation stripping length		7 mm	
Overall width		160 mm	
Connection cross-section			
Screw connection, solid		0.5…4 mm^2	
Screw connection, flexible		0.5…2.5 mm^2	
Conductor cross-section		AWG 26…14	
Conversion connection level/plug connection		1 : 1	
Housing/socket type		RS 70 profile/TS 32 and 35	
Connection type	- Process side	Plug connection	
	- Type	ELCO type 8016	
	- Control side	Screw connection	
	- Type	LP2N terminal	

Rated data			
Rated voltage		125 V~	
Rated current per contact		1.5 A	
Rated cross-section		2.5 mm^2	
Test voltage		1.5 kV~$_{eff}$	
Ambient temperature		0 °C…+55 °C	
Storage temperature		-40 °C…+70 °C	
Insulation coordination according to EN 50 178			
Overvoltage category		III	
Pollution degree		2	
Accessories		Cat. No.	Cat. No. Qty.
Mounting rail		TS 32	**0122800000** –
		TS 35 x 7.5	**0383400000** –
		TS 35 x 15	**0498000000** –
End bracket	for TS 32	EWK 2	**0199360000** 50
	for TS 35	EW 35	**0383560000** 50
Screw lock			
Insert tag (unprinted)		DEK5	page 312

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Plug-in connectors designs
in accordance with IEC 603/DIN 41612



Production series 1

Plug-in connectors from this production series are of conventional, high-pole design with low contact distances and a max. current carrying capacity of 1 A. In addition, there are versions commercially available on the market with up to 4 A contact currents in 5.08-mm grid with less poles (up to 48).

Design B

A 64-pole plug-in connector with row assignment a and b, and a contact current capacity of max. 1A. The rated voltage is defined in accordance with IEC 664/ EN 50178 as 125 V. A variant is a 32-pole version, where only the odd number poles are assembled.

Design C

An extension of design B; the addition of contact row c results in a 96-pole plug-in connector. An alternative design is type C 64, with which the outer rows c and a are assembled. A further reduction of the assembly results in the design C 32, with a vertical and horizontal contact grid dimension of 5.08 mm.

Design D

The dimensions and contact arrangement are identical with the C 32 design. The strengthened contacts can be loaded with up to 4 A.

Design E

An extension of the design D 32; the addition of the contact row e results in the 48-pole version of design E. With 4 A contact current in 5.08-mm grid dimension, this plug-in connector has been designed for heavy current loads. All even numbered poles are assembled in the contact rows e, c and a.

Production series 2

This design differs from that of the design 1 with its differing grid dimensions of the rear connections of 5.08 mm and the contact rows of 3.81 mm on the mating face. The plastic housing has been designed to be higher at the back in order to increase the creepage distances (metal plate, PCB etc.). This results in an altered wiring level when compared with production series 1. The contacts have fundamentally been designed for a current carrying capacity of 4 A. These plug-in connectors are largely used for applications in power electronics. The fixing holes are arranged on the outside of the blocks in the middle.

Design F

48-pole, fully assembled contact rows d, b and z. Variants with part assembly of the rows z and b or z and d in 32-pole design are commercially available. The distinguishing feature of the designs with the contact variation z/d is their larger insulating distances.

Design H

These have the same dimensions as design F, and are assembled 11- or 15-pole high-current contacts. The plugging geometry differs from the other designs. The contacts have a current carrying capacity of max. 15 A.

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Interface Units

For converting IEC 603/DIN 41 612 plug-in connectors

to LP connection elements
for mounting rail or
19” rack installation

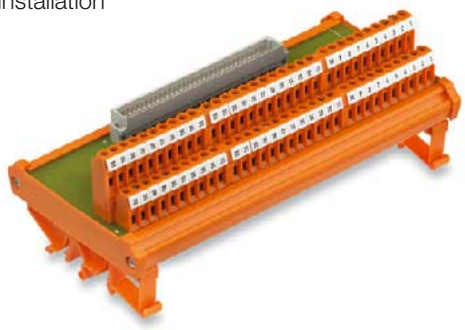
RSDIN F 64 B
Female/male connector block

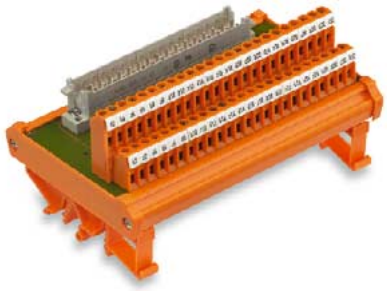
RSDIN C 64
Female/male connector block

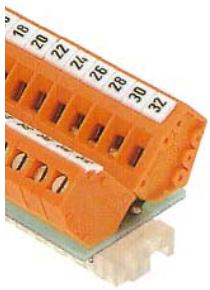
RSDIN F 48 B
Female connector block

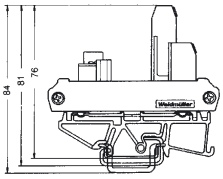
RSDIN F 48 S
Male connector block

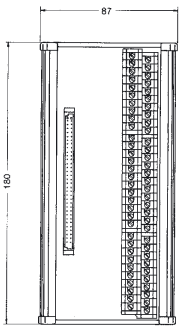
RSDIN 19´´
Female connector block

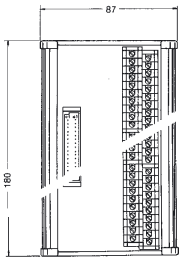


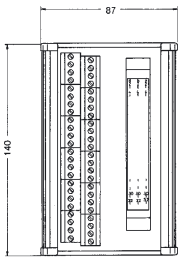


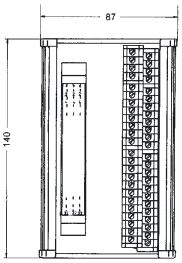


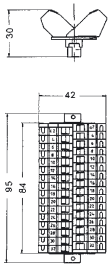












Ordering data							
	Type		RSDIN C 64 B*	RSDIN F 48 B	RSDIN F 48 S	RSDIN F 48 S	RSDIN
	Cat. No.		**1127461001**	**1177960000**	**1178360000**	**1178260000**	**8019730000**
	Type	RSDIN B 64 S**	RSDIN C 64 S**				
	Cat. No.	**1178061001**	**1178161001**				
Technical data							
Block		B 64	C 64	F 48	F 48	F 48	D 32
Plug-in connector		DIN 41 612	DIN 41 612	DIN 41 612	DIN 41 612	DIN 41 612	DIN 41 612
Assembly		a and b	a 1 and c 1	d 2, b 2 and z 2	d 2, b 2 and z 2		a and c
Connection type (screw connection)		LP2N	LP2N	GSD 5	LP2N	LP2N	Screw connection
Dimensions							
Insulation stripping length		7 mm		7 mm	7 mm		7 mm
Overall width		180 mm		140 mm	140 mm		84 mm
Clampable conductors							
Max. clamping range		0.13…4 mm^2		0.13…1.5 mm^2	0.13…4 mm^2		0.13…4 mm^2
„e“ solid HO7V-U		0.5…4 mm^2		0.5…1.5 mm^2	0.5…4 mm^2		0.5…4 mm^2
„f“ flexible HO7V-K		0.5…2.5 mm^2		0.5…1.5 mm^2	0.5…2.5 mm^2		0.5…2.5 mm^2
„f“ with ferrules							
According to DIN 46228/1		0.5…2.5 mm^2		0.5…1.5 mm^2	0.5…2.5 mm^2		0.5…2.5 mm^2
With plastic collar		0.5…2.5 mm^2		0.5…1.5 mm^2	0.5…2.5 mm^2		0.5…2.5 mm^2
Conductor cross-section		AWG 26…14		AWG 26…16	AWG 26…14		AWG 26…14
Plug gauge according to DIN/EN 50027	Size	A3		A1	A3		A3
Rated data							
Rated voltage		125 V~		125 V~	125 V~		125 V~
Rated current per contact		1.5 A (max. 45 °C amb. temp.)		1.5 A (max. 45 °C amb. temp.)	1.5 A (max. 45 °C amb. temp.)		4 A (max. 45 °C amb. temp.)
Rated cross-section		2.5 mm^2		1.5 mm^2	1.5 mm^2		1.5 mm^2
Test voltage		0.5 $kV_{~eff}$		0.5 $kV_{~eff}$	0.5 $kV_{~eff}$		2 $kV_{~eff}$
Test torque		0.4 Nm		0.4 Nm	0.4 Nm		0.4 Nm
Ambient temperature		0 °C…+55 °C		0 °C…+55 °C	0 °C…+55 °C		0 °C…+55 °C
Storage temperature		-40 °C…+70 °C		-40 °C…+70 °C	-40 °C…+70 °C		-40 °C…+70 °C
Insulation coordination according to EN 50 178							
Overvoltage category		III		III	III		III
Pollution degree		2		2	2		2

* Female connector block

** Male connector block

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Card Holders

For inserting 19” rack cards in Euro format

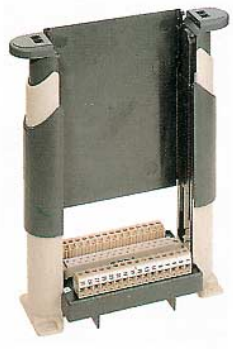
- Convert IEC 603/DIN 41 612 and 41 617 plug-in connectors to LP connection elements
- Mechanical lever reliably releases and ejects card
- 19” inserts secured from the front
- Protective cover on rear side of card
- Mount direct in switchgear cabinet or on TS 35 mounting rail

SKH2 31
SKH2B 64

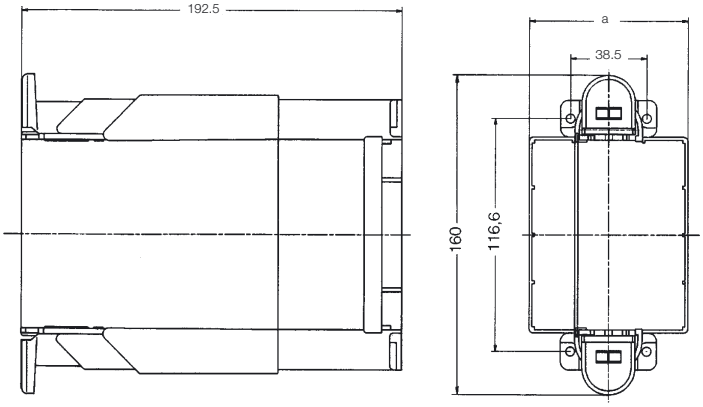


SKH2C 64 (a/c)
SKH2B 32

SKH2E 48
SKH2F 32 (z/b)



SKH2F 32 (z/d)
SKH2F 48

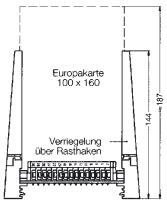


Ordering data										
		SKH2 31	SKH2B 64	SKH2C 64 (a/c)	SKH2D 32	SKH2E 48	SKH2F 32 (z/b)	SKH2F 32 (z/d)	SKH2F 48
Cat. No.		**8174800000**	**8174810000**	**8174820000**	**8174830000**	**8174840000**	**8174850000**	**8174860000**	**8174880000**
Technical data									
Female connector block		**31-pole**	**B 64**	**C 64**	**D 32**	**E 48**	**F 32**	**F 32**	**F 48**
Plug-in connector		DIN 41,617	DIN 41 612	DIN 41 612	DIN 41 612	DIN 41 612	DIN 41 612	DIN 41 612	DIN 41 612
Connection type		Screws	Screws	Screws	Screws	Screws	Screws	Screws	Screws
Mechanical characteristics									
Dimensions		Max. permissible weght on card = 0.55 kg.							
Insulation stripping length		7 mm	7 mm	7 mm	7 mm	7 mm	7 mm	7 mm	7 mm
Terminal screw		M 2.5	M 2.5	M 2.5	M 2.5	M 2.5	M 2.5	M 2.5	M 2.5
Mounting width a		60.7 mm	80.7 mm	80.7 mm	55.0 mm	70.7 mm	80.7 mm	80.7 mm	80.7 mm
Clampable conductors									
Max. clamping range		0.13...2.5 mm^2	0.13...2.5 mm^2	0.13...2.5 mm^2	0.13...2.5 mm^2	0.13...2.5 mm^2	0.13...2.5 mm^2	0.13...2.5 mm^2	0.13...2.5 mm^2
„e“ solid HO7V-U		0.5…2.5 mm^2	0.5…2.5 mm^2	0.5…2.5 mm^2	0.5…2.5 mm^2	0.5…2.5 mm^2	0.5…2.5 mm^2	0.5…2.5 mm^2	0.5…2.5 mm^2
„f“ flexible HO7V-K		0.5…2.5 mm^2	0.5…2.5 mm^2	0.5…2.5 mm^2	0.5…2.5 mm^2	0.5…2.5 mm^2	0.5…2.5 mm^2	0.5…2.5 mm^2	0.5…2.5 mm^2
„f“ with ferrules according to DIN 46228/1		0.5…1.5 mm^2	0.5…1.5 mm^2	0.5…1.5 mm^2	0.5…1.5 mm^2	0.5…1.5 mm^2	0.5…1.5 mm^2	0.5…1.5 mm^2	0.5…1.5 mm^2
With plastic collar		0.5…1..5 mm^2	0.5…1.5 mm^2	0.5…1.5 mm^2	0.5…1.5 mm^2	0.5…1.5 mm^2	0.5…1.5 mm^2	0.5…1.5 mm^2	0.5…1.5 mm^2
Conductor cross-section		AWG 26…14	AWG 26…14	AWG 26…14	AWG 26…14	AWG 26…14	AWG 26…14	AWG 26…14	AWG 26…14
Plug gauge according to DIN/EN 50027	Size	A1	A1	A1	A1	A1	A1	A1	A1
Conversion connection terminal/plug-in connector		1 : 1	1 : 1	1 : 1	1 : 1	1 : 1	1 : 1	1 : 1	1 : 1
Rated data									
Rated voltage		125 V~	160 V~	160 V~	250 V~	250 V~	250 V~	250 V~	250 V~
Rated current		4 A	2 A	2 A	4 A	4 A	4 A	4 A	4 A
Rated cross-section		1.5 mm^2	1.5 mm^2	1.5 mm^2	1.5 mm^2	1.5 mm^2	1.5 mm^2	1.5 mm^2	1.5 mm^2
Test voltage		0.9 $kV_{~eff}$	1.0 $kV_{~eff}$	1.0 $kV_{~eff}$	1.0 $kV_{~eff}$	1.0 $kV_{~eff}$	1.0 $kV_{~eff}$	1.0 $kV_{~eff}$	1.0 $kV_{~eff}$
Test torque		0.4 Nm	0.4 Nm	0.4 Nm	0.4 Nm	0.4 Nm	0.4 Nm	0.4 Nm	0.4 Nm
Ambient temperature		0 °C...+55 °C		0 °C...+55 °C		0 °C...+55 °C		0 °C...+55 °C	
Storage temperature		-40 °C...+70 °C		-40 °C...+70 °C		-40 °C...+70 °C		-40 °C...+70 °C	
Insulation coordination according to EN 50 178									
Overvoltage category		III	III	III	III	III	III	III	III
Pollution degree		2	2	2	2	2	2	2	2
Accessories		Type	Cat. No. Qty.	Type	Cat. No. Qty.	Type	Cat. No. Qty.	Type	Cat. No. Qty.
Assembly material for mounting on **TS 35**		Assembly material		Assembly material		Assembly material		Assembly material	
		SKH2/35	**8209340000** 1	SKH2/35	**8209340000** 1	SKH2/35	**8209340000** 1	SKH2/35	**8209340000** 1
Mounting rail		TS 35 x 7.5	**0383400000** –	TS 35 x 7.5	**0383400000** –	TS 35 x 7.5	**0383400000** –	TS 35 x 7.5	**0383400000** –
		TS 35 x 15	**0498000000** –	TS 35 x 15	**0498000000** –	TS 35 x 15	**0498000000** –	TS 35 x 15	**0498000000** –

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Card Holders

- **For inserting cards in Euro and double Euro format**
- **Convert IEC 603/DIN 41 612 and 41 617 plug-in connectors to LP connection elements**



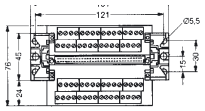
SKH 31

SKH 31 250 V



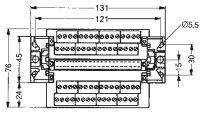
SKHB 64





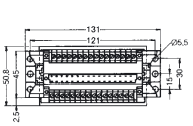
SKHC 64





SKHD 32





Ordering data	Type	Cat. No.	Qty.
	SKH 31	**0586661001**	1
	SKH 31 250 V	**0648661001**	1

Ordering data	Type	Cat. No.	Qty.
	SKHB 64	**0577360000**	1

Ordering data	Type	Cat. No.	Qty.
	SKHC 64	**0178960000**	1
	SKHC 64 with 2 latch clips	**0646660000**	1

Ordering data	Type	Cat. No.	Qty.
	SKHD 32	**0586761001**	1

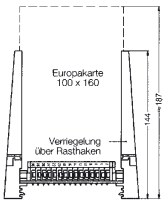
Technical data				
Female connector block	**31-pole** (i.a.w. DIN 41617)		**B 64** (i.a.w. DIN 41612)	**C 64** (i.a.w. DIN 41612)	**D 32** (i.a.w. DIN 41612)
Assembly			a and b	a and c	a and c
Connection type	Screws		Screws	Screws	Screws
Dimensions					
Insulation stripping length	7 mm		7 mm	7 mm	7 mm
Terminal screw	M 2.5		M 2.5	M 2.5	M 2.5
Clampable conductors					
Max. clamping range	0.13…4 mm^2		0.13…1.5 mm^2	0.13…1.5 mm^2	0.13…4 mm^2
„e“ solid HO7V-U	0.5…4 mm^2		0.5…1.5 mm^2	0.5…1.5 mm^2	0.5…4 mm^2
„f“ flexible HO7V-U	0.5…2.5 mm^2		0.5…1.5 mm^2	0.5…1.5 mm^2	0.5…2.5 mm^2
„f“ with ferrules					
According to DIN 46228/1	0.5…2.5 mm^2		0.5…1.5 mm^2	0.5…1.5 mm^2	0.5…2.5 mm^2
With plastic collar	0.5…2.5 mm^2		0.5…1.5 mm^2	0.5…1.5 mm^2	0.5…2.5 mm^2
Conductor cross-section	AWG 26…14		AWG 26…16	AWG 26…16	AWG 26…14
Conversion connection level/	1 : 1		1 : 1	1 : 1	1 : 1
Plug-in connector					
Plug gauge according to DIN/EN 50027 Size	A3		A1	A1	A3
Rated data					
Rated voltage	125 V~	**(0586660000)**	125 V~	125 V~	250 V~
	250 V~	**(0648660000)**			
Rated current	5 A		2 A	2 A	6 A
Rated cross-section	2.5 mm^2		1.5 mm^2	1.5 mm^2	2.5 mm^2
Test voltage	1.25 $kV_{~eff}$	**(0586660000)**	0.5 $kV_{~eff}$	0.5 $kV_{~eff}$	2.0 $kV_{~eff}$
	1.5 $kV_{~eff}$	**(0648660000)**			
Test torque	0.4 Nm		0.4 Nm	0.4 Nm	0.4 Nm
Ambient temperature	0 °C…+55 °C		0 °C…+55 °C	0 °C…+55 °C	0 °C…+55 °C
Storage temperature	-40 °C…+70 °C		-40 °C…+70 °C	-40 °C…+70 °C	-40 °C…+70 °C
Insulation coordination according to EN 50 178					
Overvoltage category	III		III	III	III
Pollution degree	2		2	2	2

Accessories	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Support plate (To increase mechanical stability. Included in range of supply).	HP	**0137100000**	20	HP	**0137100000**	20	HP	**0137100000**	20	HP	**0137100000**	20
Grip white	ZG	**0128000000**	–	ZG	**0128000000**	–	ZG	**0128000000**	–	ZG	**0128000000**	–
black	ZG	**0128060000**	–	ZG	**0128060000**	–	ZG	**0128060000**	–	ZG	**0128060000**	–
Mounting foot for TS 35 (metal)	FM 4	**0687900000**	40	FM 4	**0687900000**	40	FM 4	**0687900000**	40	FM 4	**0687900000**	40
Mounting bracket for mounting	MB (M 3+M 5)	**0503500000**	100	MB (M 3+M 5)	**0503500000**	100	MB (M 3+M 5)	**0503500000**	100	MB (M 3+M 5)	**0503500000**	100
on TS 32	MB (M 4+M 6)	**0334900000**	20	MB (M 4+M 6)	**0334900000**	20	MB (M 4+M 6)	**0334900000**	20	MB (M 4+M 6)	**0334900000**	20
Mounting plate	MP	**2054280000**	–	MP	**2054280000**	–	MP	**2054280000**	–	MP	**2054280000**	–
Mounting rail	TS 32	**0122800000**	–	TS 32	**0122800000**	–	TS 32	**0122800000**	–	TS 32	**0122800000**	–
	TS 35 x 7.5	**0383400000**	–	TS 35 x 7.5	**0383400000**	–	TS 35 x 7.5	**0383400000**	–	TS 35 x 7.5	**0383400000**	–
	TS 35 x 15	**0498000000**	–	TS 35 x 15	**0498000000**	–	TS 35 x 15	**0498000000**	–	TS 35 x 15	**0498000000**	–

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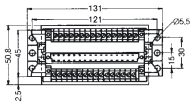
Card Holders

- **For inserting cards in Euro and double Euro format**
- **Convert IEC 603/DIN 41 612 and 41 617 plug-in connectors to LP connection elements**



SKHD 32

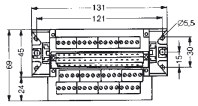




Ordering data	Type	Cat. No.	Qty.
	SKHD 32	**0107661001**	1
	With mounting foot		
	on **TS 35 horizontal**		
	SKHD 32	**0106161001**	1
	With mounting foot		
	on **TS 35 vertical**		
Technical data			
Female connector block	**D 32** (i.a.w. DIN 41612)		
Assembly	a and c		
Connection type	Screws		
Dimensions			
Insulation stripping length	7 mm		
Terminal screw	M 2.5		
Clampable conductors			
Max. clamping range	0.13…4 mm²		
„e“ solid HO7V-U	0.5…4 mm²		
„f“ flexible HO7V-U	0.5…2.5 mm²		
„f“ with ferrules			
according to DIN 46228/1	0.5…2.5 mm²		
With plastic collar	0.5…2.5 mm²		
Conductor cross-section	26…14 mm²		
Conversion connection level/	1 : 1		
Plug-in connector			
Plug gauge according to DIN/EN 50027 Size	A3		
Rated data			
Rated voltage	380 V~		
Rated current	6 A		
Rated cross-section	2.5 mm²		
Test voltage	2.0 kV~eff		
Test torque	0.4 Nm		
Ambient temperature	0 °C…+55 °C		
Storage temperature	-40 °C…+70 °C		
Insulation coordination according to EN 50 178			
Overvoltage category	III		
Pollution degree	2		
Accessories	Type	Cat. No.	Qty.
Support plate	HP	**0137100000**	20
(To increase mechanical stability. Included in range of supply).			
Grip white	ZG	**0128000000**	–
black	ZG	**0128060000**	–
Mounting foot for TS 35 (metal)			
Mounting bracket for mounting on TS 32			
Mounting plate	MP	**2054280000**	–
Mounting rail	TS 32	**0122800000**	–
	TS 35 x 7,5	**0383400000**	–
	TS 35 x 15	**0498000000**	–

SKHE 48

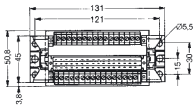




Type	Cat. No.	Qty.
SKHE 48	**0690660000**	1
E 48 (i.a.w. DIN 41612)		
e, c and a		
Screws		
7 mm		
M 2.5		
0.13…1.5 mm²		
0.5…1.5 mm²		
0.5…1.5 mm²		
0.5…1.5 mm²		
0.5…1.5 mm²		
AWG 26…16		
1 : 1		
A1		
125 V~		
5 A		
1.5 mm²		
1.25 kV~eff		
0.4 Nm		
0 °C…+55 °C		
-40 °C…+70 °C		
III		
2		
Type	Cat. No.	Qty.
HP	**0137100000**	20
ZG	**0128000000**	–
ZG	**0128060000**	–
ZG	**0128060000**	–
FM 4	**0687900000**	40
MB (M 3+M 5)	**0503500000**	100
MB (M 4+M 6)	**0334900000**	20
MP	**2054280000**	–
TS 32	**0122800000**	–
TS 35 x 7,5	**0383400000**	–
TS 35 x 15	**0498000000**	–

SKHF 32





Type	Cat. No.	Qty.
SKHF 32 (z/b)	**0586861001**	1
SKHF 32 (z/d)	**0586961001**	1
F 32 (i.a.w. DIN 41612)		
z and b **(0586860000)** /z and d **(0586960000)**		
Screws		
7 mm		
M 2.5		
0.13…4 mm²		
0.5…4 mm²		
0.5…2.5 mm²		
0.5…2.5 mm²		
0.5…2.5 mm²		
AWG 26…14		
1 : 1		
A3		
250 V~		
6 A		
2.5 mm²		
1.25 kV~eff		
0.4 Nm		
0 °C…+55 °C		
-40 °C…+70 °C		
III		
2		
Type	Cat. No.	Qty.
HP	**0137100000**	20
ZG	**0128000000**	–
ZG	**0128060000**	–
FM 4	**0687900000**	40
MB (M 3+M 5)	**0503500000**	100
MB (M 4+M 6)	**0334900000**	20
MP	**2054280000**	–
TS 32	**0122800000**	–
TS 35 x 7,5	**0383400000**	–
TS 35 x 15	**0498000000**	–

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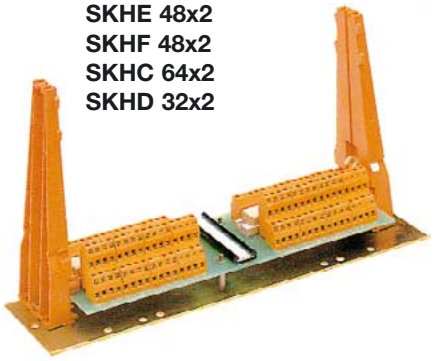
SKHF 48

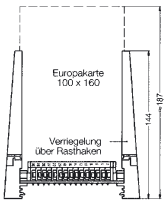


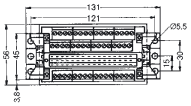
SKHH 15

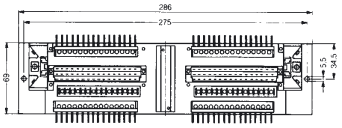


SKHE 48x2
SKHF 48x2
SKHC 64x2
SKHD 32x2









Ordering data	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	SKHF 48	**0587060000**	1	SKHH 15	**8051300000**	1	SKHE 48 x 2	**0645760000**	1
							SKHF 48 x 2	**8009260000**	1
							SKHC 64 x 2	**8013120000**	1
							SKHD 32 x 2	**8050981001**	1

Technical data			
Female connector block	**F 48** (i.a.w. DIN 41612)	**H 15** (i.a.w. DIN 41612)	**For double Euro cards** 233 x 160 mm (i.a.w. DIN 41612)
Assembly	z, b and d	a and c	
Connection type	Screws	Screws	Screws (S)
Dimensions			
Insulation stripping length	7 mm	7 mm	7 mm
Terminal screw	M 2.5	M 2.5	M 2.5
Clampable conductors			
Max. clamping range	0.13…1.5 mm²	0.13…1.5 mm²	0.13…1.5 mm²
„e“ solid HO7V-U	0.5…1.5 mm²	0.5…1.5 mm²	0.5…1.5 mm²
„f“ flexible HO7V-U	0.5…1.5 mm²	0.5…1.5 mm²	0.5…1.5 mm²
„f“ with ferrules			
According to DIN 46228/1	0.5…1.5 mm²	0.5…1.5 mm²	0.5…1.5 mm²
With plastic collar	0.5…1.5 mm²	0.5…1.5 mm²	0.5…1.5 mm²
Conductor cross-section	AWG 26…16	AWG 26…16	AWG 26…16
Conversion connection level/	1 : 1	1 : 1	1 : 1
Plug-in connector			
Plug gauge according to DIN/EN 50027 Size	A1	A1	A1
Rated data			
Rated voltage	125 V~	250 V~	125 V~
Rated current	5 A	10 A	5 A
Rated cross-section	1.5 mm²	2.5 mm²	1.5 mm²
Test voltage	1.25 kV~eff	2.0 kV~eff	1.25 kV~eff
Test torque	0.4 Nm	0.4 Nm	0.4 Nm
Ambient temperature	0 °C…+55 °C	0 °C…+55 °C	0 °C…+55 °C
Storage temperature	-40 °C…+70 °C	-40 °C…+70 °C	-40 °C…+70 °C
Insulation coordination according to EN 50 178			
Overvoltage category	III	III	III
Pollution degree	2	2	2

Accessories	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Support plate (To increase mechanical stability. Included in range of supply).	HP	**0137100000**	20	HP	**0137100000**	20	HP	**0136800000**	20
Grip white	ZG	**0128000000**	–	ZG	**0128000000**	–	ZG	**0128000000**	–
black	ZG	**0128060000**	–	ZG	**0128060000**	–	ZG	**0128060000**	–
Mounting foot for TS 35 (metal)	FM 4	**0687900000**	40	FM 4	**0687900000**	40	FM 4	**0687900000**	40
Mounting bracket for mounting on TS 32	MB (M 3+M 5)	**0503500000**	100	MB (M 3+M 5)	**0503500000**	100	MB (M 3+M 5)	**0503500000**	100
Mounting plate	MB (M 4+M 6)	**0334900000**	20	MB (M 4+M 6)	**0334900000**	20	MB (M 4+M 6)	**0334900000**	20
	MP (Euro card)	**2054280000**	–	MP (Euro card)	**2054280000**	–	MP (double Euro card)	**2051430000**	–
Mounting rail	TS 32	**0122800000**	–	TS 32	**0122800000**	–	TS 32	**0122800000**	–
	TS 35 x 7,5	**0383400000**	–	TS 35 x 7,5	**0383400000**	–	TS 35 x 7,5	**0383400000**	–
	TS 35 x 15	**0498000000**	–	TS 35 x 15	**0498000000**	–	TS 35 x 15	**0498000000**	–

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