

Highly durable multipole connectors
with a long service life
for hermetic and non-hermetic applications

SR

models

SR / SSR / SRG / SSRG / SRT / ZWN

The **SR series** of multipole connectors are renowned for their high durability and long service life; they are designed for a wide range of applications.

Originally developed for **military use**, they are now also used **in aviation, railway and transportation technology, automation and telecommunications, signalling-related applications, heavy industrial equipment** and other applications requiring **a reliable connection during vibrations, shocks and acceleration.**

SR series connectors form an extensive product range.

ZWN multipole connectors are used for connecting and disconnecting electrical circuits in high-voltage circuit breakers and high-voltage switches.

Due to the similarity of both series, the ZWN connectors are covered in the SR series section [they are only available in Ø 60 mm].



*TENEO connectors are used to interconnect mission-critical generators, devices and control units in suburban and long-distance trains – **brakes, doors**, etc.*



TENEO connectors are used in armoured and steel-plated vehicles.



The circular multipole connector is designed to quickly and reliably connect and disconnect electrical circuits in electric, radio and electronic devices. SRG and SSRG series hermetic connectors are designed for applications that require the whole unit or device to be hermetic.

A connector consists of a receptacle with a union nut for manual connection and a flange for mounting to the wall of an electrical device. Plugs are available in straight and angled, shielded and unshielded configurations. Receptacles are available in cable mount and panel mount configurations (SR and SRG series), both shielded and unshielded. Depending on the connection type, male and female plugs are available, as well as male and female receptacles. SR and SRG connectors are available with screw joints of \varnothing 16–60 mm (SRG series up to 55 mm); SSR and SSRG connectors \varnothing 20–48 mm (SSRG series up to 40 mm). All connectors such as SR are also available in the SRT configuration, meaning they are capable of operating in higher temperatures of up to +100°C.

SR AND SSR PLUG HOUSING CONFIGURATIONS

KPES	straight shielded female plug
KPEG	straight shielded male plug
KPNS	straight unshielded female plug
KPNG	straight unshielded male plug
KUES	angled [90°] shielded female plug
KUEG	angled [90°] shielded male plug
KUNS	angled [90°] unshielded female plug
KUNG	angled [90°] unshielded male plug

SR, SRG, SSR AND SSRG RECEPTACLE HOUSING CONFIGURATIONS

BPES	cable mount shielded male receptacle
BPEG	cable mount shielded female receptacle
BPNS	cable mount unshielded male receptacle
BPNG	cable mount unshielded female receptacle

The above markings are consistent with common conventions for creating connector marking codes.

MAIN TECHNICAL DATA

Rated maximum voltage 600 V DC or AC with maximum frequency of 3 000 Hz.

Rated current and maximum contact resistance of a contact pair (pin, socket) inside connector:

Contact diameter [mm]	Contact resistance of a contact pair [mΩ]	Rated current I_n for contacts [A]
\varnothing 1.5	≤ 2.5	10
\varnothing 2.5	≤ 1	25
\varnothing 3.5	≤ 0.5	50
\varnothing 5.5	≤ 0.2	100
\varnothing 9	≤ 0.15	200

Total resistance of all contacts and connection transition of connector housing does not exceed 2 mΩ.

The permissible rated current I_n should only be applied for application connectors for intermittent or occasional load and for connections with fewer than 20 contacts (10 contacts for SSR). If current load is applied to all pins for prolonged periods, the principle of total current load should be used:

Number of contacts	SR	SSR
1–10	100 %	100 %
10–20	100 %	90 %
21–30	80 %	80 %
31–47	70 %	–

Pinouts and connection numbering are described in the following tables.

Insulation resistance between adjacent contacts and between the contacts and the housing is at least:

- 1 000 MΩ – under normal climatic conditions
- 20 MΩ – environments with a relative humidity of 96 to 98% at a temperature of 20°C and a pressure of 100 kPa

Dielectric strength under normal conditions for 1 minute is 2 100 V, 50 Hz for plugs and receptacles; 1 800 V, 50 Hz for SR16...2...5, SRG20...5...10, SRG20...5...7 and SRG 40...3...9 plugs and receptacles.

The connectors can reliably operate under the following conditions:

- Ambient air temperature –60°C to +60°C.
- Ambient relative humidity up to 98% at +20°C.
- SRT model – reliable operation up to +100°C.
- Stable during vibrations with a frequency of 5 Hz to 2 000 Hz; acceleration up to 30 g.
- Impact strength – individual impacts at an acceleration of up to 500 g
- Impact strength – repeated impacts at an acceleration of up to 35 g
- At constant (centrifugal) acceleration of up to 150 g

NOTES FOR USE

Wires should be connected to connector pins by soldering. It is recommended that the contact ends be insulated.

The individual cables or unshielded cable ends are secured using clamps when installing an unshielded cable harness. Secured cables should not hinder free movement (clearance) of pins in the insulator.

Installation – to improve the connector's hermetic properties, it is recommended that the space inside the connector is filled with a sealant (polyurethanes, epoxies).

The connector's panel section can be mounted on the inner or outer wall of the product (device). Clamping should be done using the flange on the connector housing or using screws or rivets.

Hermetic connectors should be mounted onto the device using rubber pads.

When operating a connector, nuts and working parts of the mounting section should be covered with grease (petroleum jelly).

Connector nuts should be secured with a wire to prevent loosening. For this purpose, there are 1 mm diameter holes in the connector housing.

A slightly darker silvery film may appear on the connector contacts during storage (oxidation).

MORE INFORMATION

A connector consists of a plug and a panel mount or cable mount receptacle. The plug and receptacle are of the same electrical type (they form a connection) if they are of the same model and have the same housing diameter, same number of pins and same pinout configuration, e.g. SR28... 4.G5. SR receptacles match SR plugs (both cable mount and panel mount) or SRG hermetic plugs. SSR receptacles only fit SSR plugs or SSRG hermetic plugs.

SR, SSR SRG and SSRG connectors meet the WT/A-15/018-68 requirements (technical data).

Warranty: Warranty period: 8.5 years for the permitted number of connections and disconnections of plug from receptacle, 500 connections maximum. Permissible number of hours – 1 000.

NB

In the product listings, non-SR series products have a Code column highlighted in grey.

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SRT Multipole Connectors

The SRT circular multipole connector is designed to quickly and reliably connect and disconnect electrical circuits in electric, radio and electronic devices operating in high temperatures.

The connector consists of a receptacle with a union nut for manual connection and a flange for mounting onto the side of an electrical device. Plugs are available in straight and angled, shielded and unshielded configurations. Receptacles are available in cable mount and panel mount configurations (SR and SRG series), both shielded and unshielded. Depending on the connection type, male and female plugs are available, as well as male and female receptacles. The SRT connectors are available with a screw joint of \varnothing 20, 32, 36, 48 and 55 mm. All connectors such as SR are also available in the SRT configuration meaning they are capable of operating in higher temperatures of up to +100°C.

SRT PLUG HOUSING CONFIGURATIONS

KPES	straight shielded female plug
KPEG	straight shielded male plug
KPNS	straight unshielded female plug
KPNG	straight unshielded male plug
KUES	angled (90°) shielded female plug
KUEG	angled (90°) shielded male plug
KUNS	angled (90°) unshielded female plug
KUNG	angled (90°) unshielded male plug

SRT RECEPTACLE HOUSING CONFIGURATIONS

BPES	cable mount shielded male receptacle
BPEG	cable mount shielded female receptacle
BPNS	cable mount unshielded male receptacle
BPNG	cable mount unshielded female receptacle

The above markings are consistent with common conventions for creating marking codes for connectors.

MAIN TECHNICAL DATA

Rated maximum voltage 500 V DC or AC peak value with maximum frequency 3 000 Hz.

Maximum current and maximum contact resistance of contact pair (pin, socket):

Contact diameter (mm)	Contact resistance of contact pair (mΩ)	Rated current I_n for contacts (A)
\varnothing 1.5	≤ 2.5	10
\varnothing 2.5	≤ 1	25
\varnothing 3.5	≤ 0.75	50
\varnothing 5.5	≤ 0.3	100

Total contact resistance of all parts of the assembled connector does not exceed 2 mΩ.

The permissible rated current I_n should only be applied for intermittent or occasional applications. For prolonged uninterrupted use of all contacts, the maximum permissible current value depends on the number of connector pins:

Contact diameter (mm)	Base current load for one link (A) dependent on the number of connector contacts		
	1-20 contacts	21-30 contacts	More than 31 contacts
1.5	10	9	8
2.5	25	22	20
3.5	50	45	40
5.5	100	90	80

Insulation resistance between adjacent contacts and between the contacts and the housing is at least:

- 1 000 MΩ – under normal conditions
- 20 MΩ – at higher humidity of 98% at +20°C and a pressure of 100 kPa
- 20 MΩ – at higher temperature of +150°C

Dielectric strength under normal climatic conditions at thickness of 1 mm is 1 500 V at frequency 50 Hz

The connectors can reliably operate under the following conditions:

- Ambient air temperature –60°C to +100°C
- Ambient air relative humidity up to 98% at +20°C
- Vibration frequency 10–200 Hz, acceleration up to 10 g with amplitude up to 2.5 mm
- Impacts with an acceleration of up to 7 g with a frequency of 40–100 impacts per minute
- Constant centrifugal acceleration up to 25 g

NOTES FOR USE

Wires should be connected to the connector terminals by soldering.

We recommend insulating contact ends with insulating sleeves (polyvinyl chloride, etc.).

- During installation, unshielded cables, wires or the unshielded end of the cable should be secured using clamps. Secured wires should have clearance of the pins in the insulator.
- If better airtightness is desired, it is recommended that the installation space of the connector is filled with a hermetic seal.

The panel section of the connector can be mounted onto the inner or outer side of a device. The connector can be mounted onto the device using a flange which is then secured with screws or rivets. The appropriate installation method should be chosen depending on the wall thickness at the place of installation.

The coupling nut joint and working parts of the receptacle housing should be covered with petroleum jelly.

A wire can be used to prevent the connector nut from loosening. For this purpose, there are 1 mm diameter holes in the connector housing.

The silver coating of the connector contacts may darken (oxidation) during storage.

MORE INFORMATION

The connector consists of a straight or angled [90°] plug with a panel mount or cable mount receptacle.

The receptacle and plug are of the same electrical type [they form a connector] if they are of the same model, and have the same housing diameter, number, pinout data and contact type, e.g. SRT32...12G1.

SRT connectors meet the WT/A-15/026-69 requirements.

The warranty period is 8.5 years for the permitted number of connections – no more than 500 disconnections of plug and receptacle without electrical load. Allowable operating hours – 700 hours.

EXAMPLE OF ORDERING A CONNECTOR

[Plug and receptacle are ordered individually]

Straight plug SRT20KPN2G6U2

+

Receptacle STR20B2S6U2

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ZWN Series Connectors

ZWN multipole high-voltage connector plugs are designed for connecting and disconnecting controlling electrical circuits in high-voltage internal switches and in high-voltage switchgears. They can also be used in other applications, especially those with higher dielectric strength requirements and larger insulation distances between individual contacts and between the housing and contacts.

ZWN connector housing has a diameter of 60 mm.

The connector consists of a plug with a union nut for manual receptacle connection and a receptacle with a flange for mounting onto the wall of an electrical device. Plugs are available in the straight unshielded configuration with a nut. Receptacles are available in panel mount and cable mount configurations, and unshielded with a nut. Depending on the plug connector type, male and female plugs are available, as well as male and female receptacles.

ZWN connectors are available in 20-pin \varnothing 1.5 mm and \varnothing 2.5 mm configurations

[male and female] with a \varnothing 3 mm ground contact. The ground contact is connected to the receptacle or plug housing [metal] by a retaining ring. The ground pin is bigger than the other pins.

MODELS AND CONFIGURATIONS OF ZWN RECEPTACLES

ZWN60B20S – panel mount male receptacle
 ZWN60B20G – panel mount female receptacle
 ZWN60BPN20S – cable mount male receptacle
 ZWN60BPN20G – cable mount female receptacle

MODELS AND CONFIGURATIONS OF ZWN PLUGS

ZWN60KPN20S – straight male plug
 ZWN60KPN20G – straight female plug

MAIN TECHNICAL DATA

Rated voltage 380 V

Rated current and maximum contact resistance of a contact pair (pin-socket) inside connector:

Contact diameter [mm]	Contact resistance of contact pair [mΩ]	Rated current I_n for contacts [A]
\varnothing 1.5	≤ 2.5	10
\varnothing 2.5	≤ 1	25
\varnothing 3	≤ 0.75	–

Total contact resistance of all contacts of the assembled connector housing does not exceed 2 mΩ.

Insulation resistance:

- 1 000 MΩ – under normal conditions
- 10 MΩ – environments with a higher humidity of 95 to 98% at a temperature of +20°C and a pressure of 100 kPa
- 50 MΩ – at an ambient temperature of +60°C

Dielectric strength 2 500 V / 50 Hz for 1 minute; normal climatic conditions.

The connectors can reliably operate under the following conditions:

- Ambient air temperature –60°C to +100°C
- Humidity up to 98% at +20°C
- Stability during vibrations of 5 to 2 000 Hz at an acceleration of 30 g
- Individual impacts at an acceleration of up to 500 g
- Constant centrifugal acceleration of up to 150 g

MORE INFORMATION

ZWN60-20-1 matches the pinout "1"

ZWN connectors can be ordered with a different number of 1.5 mm and 2.5 mm diameter pins to the ones described in the product matrix. This modification must correspond to the allowed number of pins (last digit in the connector's code).

OPERATING NOTES

Cables should be connected to the terminals by soldering. It is recommended that contact ends are insulated (e.g. with PVC).

Unshielded cable mount plugs and receptacles are equipped with a rubber washer that provides extra protection (against short circuits) between the pins inside the connector.

Panel mount receptacles can be mounted onto the sides (sections) of a device from the outside or inside.

When the connector is in operation, petroleum jelly should be applied to the union nut and working parts of the receptacle housing.

The silver pin plating may darken (oxidation) during storage of the connector.

MORE INFORMATION

Connectors meet the criteria of standards PN-71/E-06150, PN-73/E-06165, ICE issue 56-4 and the requirements of WT-85/MPM-13-35115.

The warranty period is 4 years for the permitted number of connections – no more than 500 disconnections of plug and receptacle without electrical load.

EXAMPLE OF A CONNECTOR ORDER

[receptacles and plugs need to be ordered separately]

Example 1:

Panel Mount Receptacle ZWN60B20S + Plug ZWN60KPN20G

Example 2:

Cable Mount Receptacle ZWN60BPN20G + Plug ZWN60KPN20S

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Panel Mount Receptacle



Straight Cable Mount Receptacle



Straight Cable Mount Plug



Angled [90°] Cable Mount Plug

BASIC DATA	
Connector diameter	16–60 mm
Number of contacts	1–47

CONFIGURATION	
Material (housing)	Aluminium (anodised)
Configuration	Panel Mount Receptacle Straight Cable Mount Receptacle Straight Cable Mount Plug Angled [90°] Cable Mount Plug
Mating	Screw joint
Connection to wire	Soldering

ELECTRICAL PROPERTIES			
Operating voltage U_n / at frequency		max. 600 V \sim / max. 3 kHz	
Pin diameter	Pin rated current I_n	Contact marking	Diameter of connectable wire
Ø 1.5	10 A		2.5 mm ²
Ø 2.5 mm	25 A		4.15 mm ²
Ø 5.5 mm	100 A		44 mm ²
Ø 9 mm	200 A		78 mm ²
Contact resistance of a contact pair			
Ø 1.5 mm		≤ 2.5 mΩ	
Ø 2 mm		≤ 2 mΩ	
Ø 2.5 mm		≤ 1 mΩ	
Ø 3 mm		≤ 1 mΩ	

Ø 3,5 mm	≤ 0.5 mΩ
Ø 4 mm	≤ 0.5 mΩ
Ø 5,5 mm	≤ 0.2 mΩ
Ø 9 mm	≤ 0.15 mΩ
Housing contact resistance (shielded configuration)	≤ 2 mΩ
Insulation resistance under normal climatic conditions	≥ 1 GΩ
Insulation resistance [20°C, relative humidity 98%, 100 kPa]	≥ 20 MΩ

MECHANICAL PROPERTIES	
Number of connections / disconnections	500
Impact strength	
Individual impacts [9 impacts]	max. 500 g
Repeated impacts [10 000 impacts]	max. 35 g
Stability during sinusoidal vibrations / at frequency	max. 30 g / 5–2 000 Hz
Continuous centrifugal acceleration	max. 150 g

OPERATING ENVIRONMENT	
Temperature	–60°C to +100°C
Relative humidity [20°C]	max. 98%
Airtightness of SRG series	maximum pressure drop of 1.3 kPa/min in an enclosed volume of 2.5 dm ³ with a 100 kPa pressure difference

SR series connectors are available in a configuration with higher thermal resistance [operating environment temperature max. 150°C]. Products can be optionally marked as an SRT series / product.

Technical drawings [3D models] are available upon request

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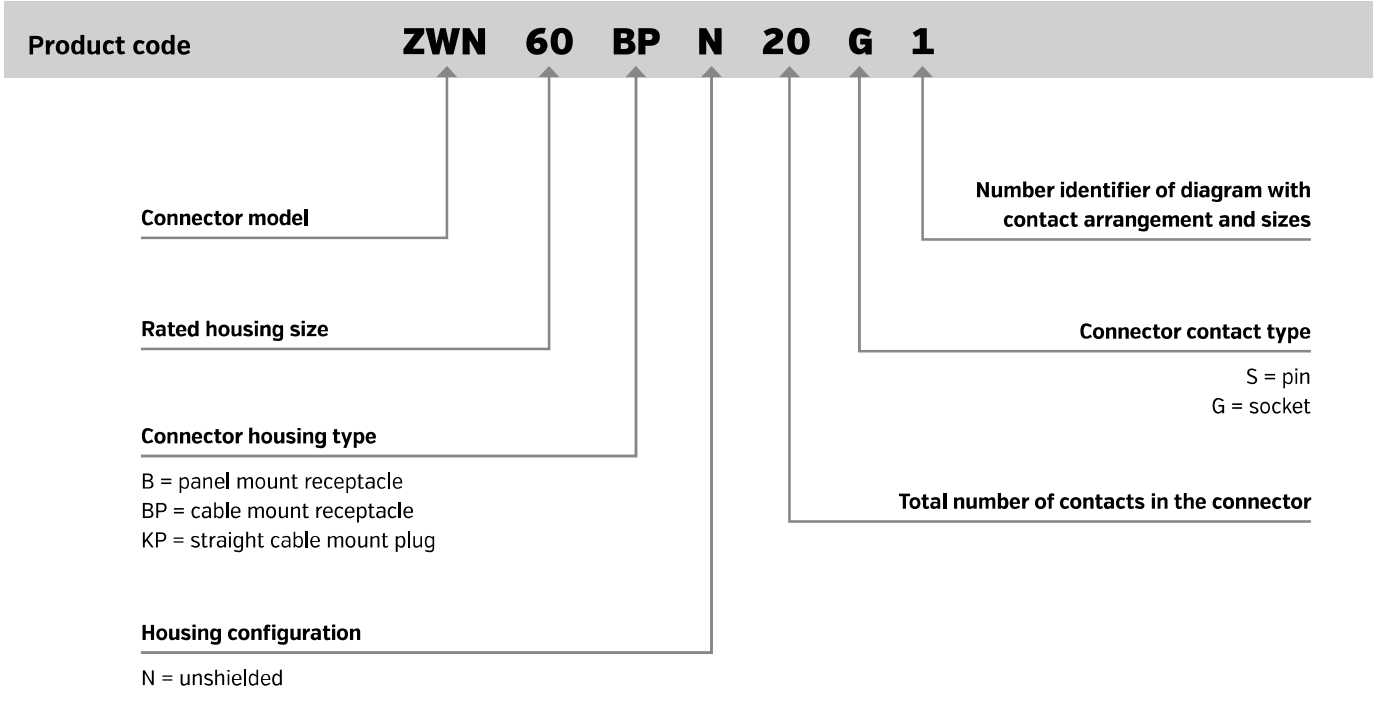
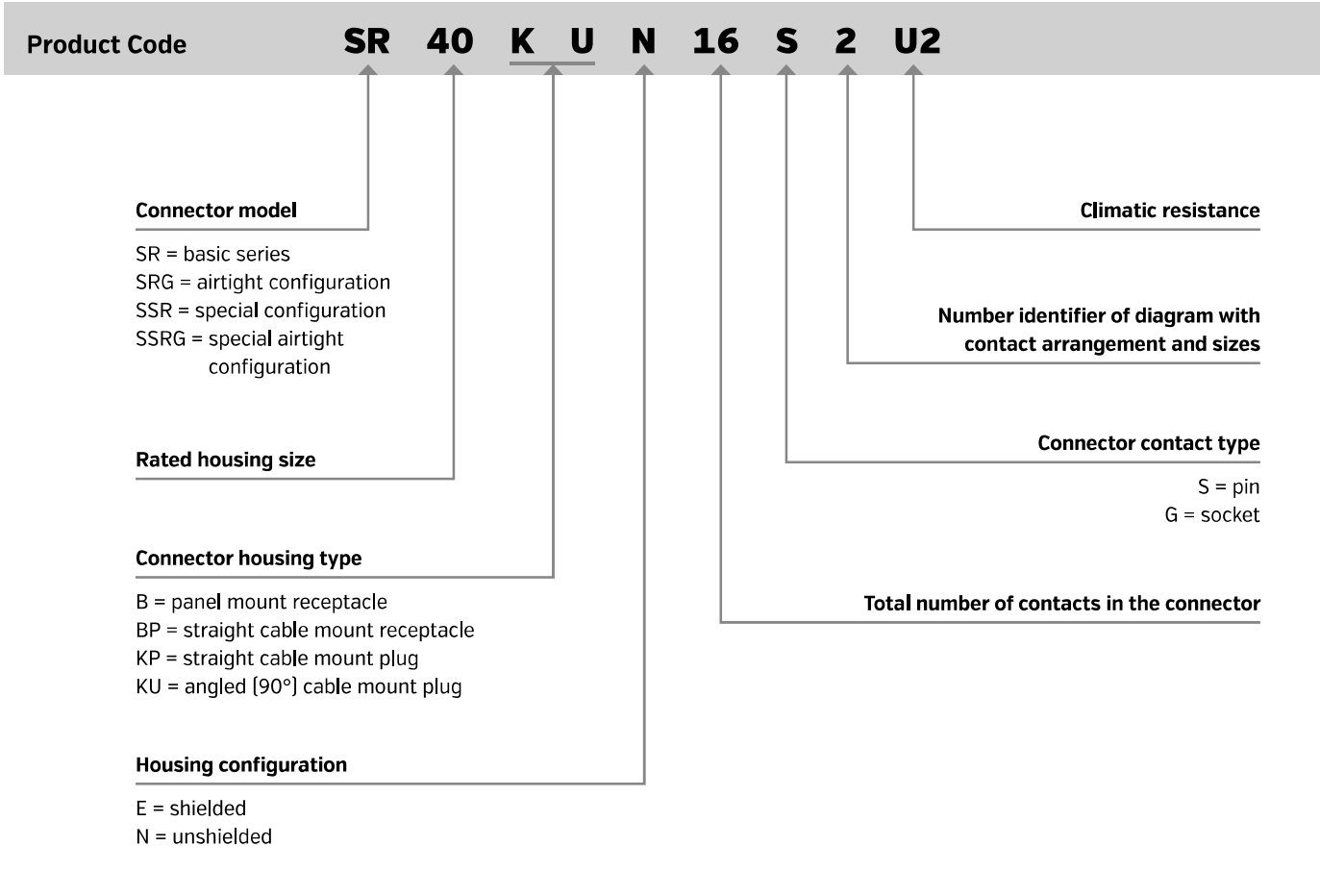
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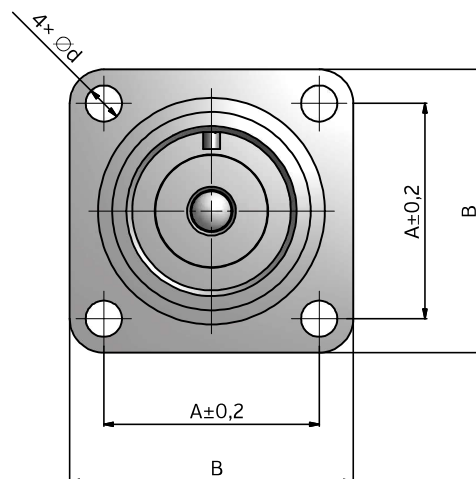
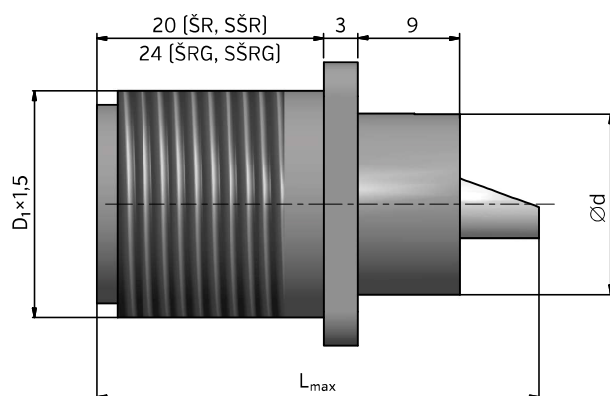
PANEL MOUNT MALE RECEPTACLE

SR_B_S

SSR_B_S

SRG_B_S

SSRG_B_S



Size	Code	Diagram	Contact				Connector		Dimensions [mm]				
∅ D			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}
16	SR16B1S3U2			1	3.5	50	50	600	19	25	M20	3.5	40
	SR16B2S5U2			2	1.5	10	20	600	19	25	M20	3.5	38
	SRG16B1S3U2 [airtight]			1	3.5	50	50	600	19	26	M20	3.5	43
20	SR20B2S5U2			2	1.5	10	20	600	22	30	M24	3.5	38
	SR20B2S6U2			2	2.5	25	50	600	22	30	M24	3.5	38
	SR20B3S6U2			3	1.5	10	30	600	22	30	M24	3.5	38
	SR20B3S1U2			1 2	1.5 2.5	10 25	60	600	22	30	M24	3.5	38
	SR20B3S7U2			3	2.5	25	75	600	22	30	M24	3.5	38
	SR20B4S4U2			4	1.5	10	40	600	22	30	M24	3.5	38
	SR20B4S8U2			4	2.5	25	100	600	22	30	M24	3.5	38
	SR20B4S1U2			2 2	1.5 2.5	10 25	70	600	22	30	M24	3.5	38

Size	Code	Diagram	Contact				Connector		Dimensions [mm]				
Ø D			id.	n	Ø [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}
20	SR20B5S7U2			5	1.5	10	50	600	22	30	M24	3.5	38
	SR20B5S10U2			5	2.5	25	125	600	22	30	M24	3.5	38
	SSR20B2S6U2			2	2.5	25	50	600	22	30	M24	3.5	38
	SSR20B3S7U2			3	2.5	25	75	600	22	30	M24	3.5	38
	SRG20B2S5U2 [airtight]			2	1.5	10	20	600	22	32	M24	4.5	43
	SRG20B2S6U2 [airtight]			2	2.5	25	50	600	22	32	M24	4.5	43
	SRG20B3S6U2 [airtight]			3	1.5	10	30	600	22	32	M24	4.5	43
	SRG20B3S1U2 [airtight]			1 2	1.5 2.5	10 25	60	600	22	32	M24	4.5	43
	SRG20B3S7U2 [airtight]			3	2.5	25	75	600	22	32	M24	4.5	43
	SRG20B4S4U2 [airtight]			4	1.5	10	40	600	22	32	M24	4.5	43
	SRG20B4S8U2 [airtight]			4	2.5	25	100	600	22	32	M24	4.5	43
	SRG20B4S1U2 [airtight]			2 2	1.5 2.5	10 25	70	600	22	32	M24	4.5	43
	SRG20B5S7U2 [airtight]			5	1.5	10	50	600	22	32	M24	4.5	43
	SSRG20B2S6U2 [airtight]			2	2.5	25	50	600	22	32	M24	4.5	43
	SSRG20B3S7U2 [airtight]			3	2.5	25	75	600	22	32	M24	4.5	43
28	SR28B1S4U2			1	5.5	100	100	600	30	38	M33	3.5	42
	SR28B2S7U2			2	3.5	50	100	600	30	38	M33	3.5	40
	SR28B4S5U2			2 2	2.5 3.5	25 50	150	600	30	38	M33	3.5	40

Size	Code	Diagram	Contact				Connector		Dimensions [mm]				
Ø D			id.	n	Ø [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}
28	SR28B6S5U2			6	1.5	10	60	600	30	38	M33	3.5	38
	SR28B6S7U2		 	4 2	1.5 2.5	10 25	90	600	30	38	M33	3.5	38
	SR28B6S9U2			6	2.5	25	150	600	30	38	M33	3.5	38
	SR28B7S7U2			7	1.5	10	70	600	30	38	M33	3.5	38
	SR28B7S9U2			7	2.5	25	175	600	30	38	M33	3.5	38
	SR28B7S3U2		 	3 4	1.5 2.5	10 25	130	600	30	38	M33	3.5	38
	SR28B7S4U2		 	4 3	1.5 2.5	10 25	115	600	30	38	M33	3.5	38
	SR28B7S5U2		 	5 2	1.5 2.5	10 25	100	600	30	38	M33	3.5	38
	SRG28B2S7U2 [airtight]			2	3.5	50	100	600	30	40	M33	4.5	45
	SRG28B4S5U2 [airtight]		 	2 2	2.5 3.5	25 50	150	600	30	40	M33	4.5	45
	SRG28B7S9U2 [airtight]			7	2.5	25	175	600	30	40	M33	4.5	43
32	SR32B1S5U2			1	9	200	200	600	32	40	M36	3.5	42
	SR32B4S14U2		 	3 1	2.5 5.5	25 100	175	600	32	40	M36	3.5	42
	SR32B8S2U2			8	1.5	10	80	600	32	40	M36	3.5	38

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Size	Code	Diagram	Contact				Connector		Dimensions [mm]				
Ø D			id.	n	Ø [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}
32	SR32B8S1U2			7 1	1.5 2.5	10 25	95	600	32	40	M36	3.5	38
	SR32B8S4U2			4 4	1.5 2.5	10 25	140	600	32	40	M36	3.5	38
	SR32B8S3U2			8	2.5	25	200	600	32	40	M36	3.5	38
	SR32B10S1U2			6 4	1.5 2.5	10 25	160	600	32	40	M36	3.5	38
	SR32B12S3U2			12	1.5	10	120	600	32	40	M36	3.5	38
	SR32B12S1U2			6 6	1.5 2.5	10 25	210	600	32	40	M36	3.5	38
	SR32B12S4U2			12	2.5	25	300	600	32	40	M36	3.5	38
	SR32B14S5U2			14	1.5	10	140	600	32	40	M36	3.5	38
	SSR32B10S4U2			10	2.5	25	250	600	32	40	M36	3.5	38
	SRG32B12S1U2 [airtight]			6 6	1.5 2.5	10 25	210	600	32	44	M36	4.5	43
	SSRG32B10S4U2 [airtight]			10	2.5	25	250	600	32	44	M36	4.5	43
36	SR36B4S13U2			3 1	2.5 9	25 200	275	600	34	42	M39	3.5	42
	SR36B5S11U2			5	3.5	50	250	600	34	42	M39	3.5	40

Size	Code	Diagram	Contact				Connector		Dimensions [mm]				
Ø D			id.	n	Ø [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}
36	SR36B15S2U2			15	1.5	10	150	600	34	42	M39	3.5	38
	SR36B15S4U2			13 2	1.5 2.5	10 25	180	600	34	42	M39	3.5	38
	SSR36B15S5U2			15	2.5	22.5	337.5	600	34	42	M39	3.5	38
	SSRG36B15S5U2 [airtight]			15	2.5	22.5	337.5	600	34	46	M39	4.5	43
40	SR40B3S9U2			3	5.5	100	300	600	40	48	M45	3.5	42
	SR40B14S2U2			8 6	1.5 2.5	10 25	230	600	40	48	M45	3.5	38
	SR40B16S3U2			16	1.5	10	160	600	40	48	M45	3.5	38
	SR40B16S2U2			14 2	1.5 2.5	10 25	190	600	40	48	M45	3.5	38
	SRG40B16S2U2 [airtight]			14 2	1.5 2.5	10 25	190	600	40	52	M45	4.5	43
48	SR48B9S1U2			4 2 2 1	1.5 2.5 5.5 9	10 25 100 200	490	600	48	58	M52	4.5	42

SR

2RM

PK

VS

BS

ZGT / ZGH

RWN

SWITCHES

Size	Code	Diagram	Contact				Connector		Dimensions [mm]				
∅ D			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}
48	SR48B9S7U2			5 4	2.5 5.5	25 100	525	600	48	58	M52	4.5	42
	SR48B20S2U2			20	2.5	25	500	600	48	58	M52	4.5	38
	SR48B20S1U2			14 6	1.5 2.5	10 25	290	600	48	58	M52	4.5	38
	SR48B26S2U2			26	1.5	8	208	600	48	58	M52	4.5	38
	SR48B26S3U2			26	2.5	20	520	600	48	58	M52	4.5	38
	SSR48B20S2U2			20	2.5	22.5	450	600	48	58	M52	4.5	38
	SSR48B26S3U2			26	2.5	20	520	600	48	58	M52	4.5	38
	SRG48B9S1U2 [airtight]			4 2 2 1	1.5 2.5 5.5 9	10 25 100 200	490	600	48	60	M52	4.5	67

Size	Code	Diagram	Contact				Connector		Dimensions [mm]				
∅ D			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}
55	SR55B23S1U2			16	1.5	8	448	600	52	64	M60	4.5	42
				2	2.5	20							
				3	3.5	40							
				2	5.5	80							
	SR55B31S3U2			14	1.5	7	448	600	52	64	M60	4.5	40
				14	2.5	17.5							
			3	3.5	35								
SRG55B23S1U2 [airtight]			16	1.5	8	448	600	52	68	M60	4.5	62	
	2	2.5	20										
	3	3.5	40										
	2	5.5	80										
60	SR60B7S10U2			7	5.5	100	700	600	54	68	M64	4.5	42
	SR60B31S1U2			14	1.5	7	483	600	54	68	M64	4.5	42
				14	2.5	17.5							
				2	3.5	35							
				1	5.5	70							
	SR60B45S2U2			25	1.5	7	525	600	54	68	M64	4.5	38
				20	2.5	17.5							
	SR60B45S1U2			35	1.5	7	420	600	54	68	M64	4.5	38
				10	2.5	17.5							

SR

2RM

PK

VS

BS

ZGT / ZGH

RWN

SWITCHES

Size	Code	Diagram	Contact				Connector			Dimensions [mm]				
Ø D			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}	
60	SR60B47S2U2			40 7	1.5 2.5	7 17.5	402.5	600	54	68	M64	4.5	38	
	ZWN60B20S1			16 4 1	1.5 2.5 3.0	10 25 x	260	380	54	68	M64	4.5	41	

Available mating combinations

Code	Counterpart
SR XX B YY S ZZ U2 SRG XX B YY S ZZ U2	SR XX KPE YY G ZZ U2
	SR XX KPN YY G ZZ U2
	SR XX KUE YY G ZZ U2
	SR XX KUN YY G ZZ U2
SSR XX B YY S ZZ U2 SSRG XX B YY S ZZ U2	SSR XX KPE YY G ZZ U2
	SSR XX KPN YY G ZZ U2
	SSR XX KUE YY G ZZ U2
	SSR XX KUN YY G ZZ U2
ZWN60B20S1	ZWN60KPNG1

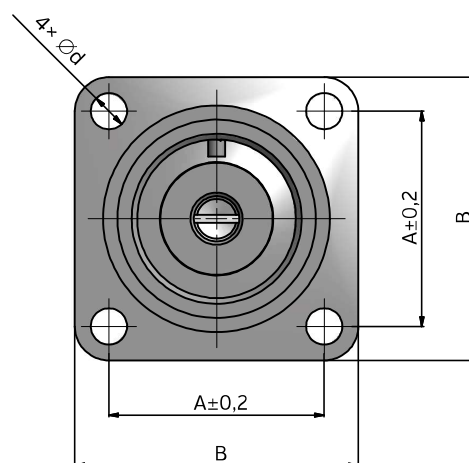
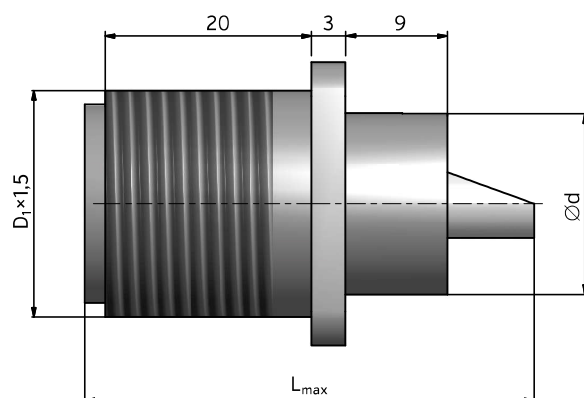
XX - housing size • YY - number of contacts • ZZ - pinout identifier number

Order example

Panel Mount Male Receptacle		SR	32	B	12	S	1	U2
Angled Cable Mount Unshielded Female Plug		SR	32	KUN	12	G	1	U2

PANEL MOUNT FEMALE RECEPTACLE

SR_B_G_
SSR_B_G_



Size	Code	Diagram	Contact				Connector		Dimensions [mm]				
Ø D			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}
16	SR16B1G3U2			1	3.5	50	50	600	19	25	M20	3.5	40
	SR16B2G5U2			2	1.5	10	20	600	19	25	M20	3.5	38
20	SR20B2G5U2			2	1.5	10	20	600	22	30	M24	3.5	38
	SR20B2G6U2			2	2.5	25	50	600	22	30	M24	3.5	38
	SR20B3G6U2			3	1.5	10	30	600	22	30	M24	3.5	38
	SR20B3G1U2			1 2	1.5 2.5	10 25	60	600	22	30	M24	3.5	38
	SR20B3G7U2			3	2.5	25	75	600	22	30	M24	3.5	38
	SR20B4G4U2			4	1.5	10	40	600	22	30	M24	3.5	38
	SR20B4G1U2			2 2	1.5 2.5	10 25	70	600	22	30	M24	3.5	38
	SR20B4G8U2			4	2.5	25	100	600	22	30	M24	3.5	38
	SR20B5G10U2			5	2.5	25	125	600	22	30	M24	3.5	38

Size	Code	Diagram	Contact				Connector		Dimensions [mm]				
Ø D			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}
20	SR20B5G7U2			5	1.5	10	50	600	22	30	M24	3.5	38
	SSR20B2G6U2			2	2.5	25	50	600	22	30	M24	3.5	38
	SSR20B3G7U2			3	2.5	25	75	600	22	30	M24	3.5	38
28	SR28B1G4U2			1	5.5	100	100	600	30	38	M33	3.5	42
	SR28B2G7U2			2	3.5	50	100	600	30	38	M33	3.5	40
	SR28B4G5U2			2 2	2.5 3.5	25 50	150	600	30	38	M33	3.5	40
	SR28B6G5U2			6	1.5	10	60	600	30	38	M33	3.5	38
	SR28B6G7U2			4 2	1.5 2.5	10 25	90	600	30	38	M33	3.5	38
	SR28B6G9U2			6	2.5	25	150	600	30	38	M33	3.5	38
	SR28B7G7U2			7	1.5	10	70	600	30	38	M33	3.5	38
	SR28B7G9U2			7	2.5	25	175	600	30	38	M33	3.5	38
	SR28B7G3U2			3 4	1.5 2.5	10 25	130	600	30	38	M33	3.5	38
	SR28B7G4U2			4 3	1.5 2.5	10 25	115	600	30	38	M33	3.5	38
	SR28B7G5U2			5 2	1.5 2.5	10 25	100	600	30	38	M33	3.5	38

Size	Code	Diagram	Contact				Connector		Dimensions [mm]				
Ø D			id.	n	Ø [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}
32	SR32B1G5U2			1	9	200	200	600	32	40	M36	3.5	42
	SR32B4G14U2			3 1	2.5 5.5	25 100	175	600	32	40	M36	3.5	42
	SR32B8G2U2			8	1.5	10	80	600	32	40	M36	3.5	38
	SR32B8G1U2			7 1	1.5 2.5	10 25	95	600	32	40	M36	3.5	38
	SR32B8G4U2			4 4	1.5 2.5	10 25	140	600	32	40	M36	3.5	38
	SR32B8G3U2			8	2.5	25	200	600	32	40	M36	3.5	38
	SR32B10G1U2			6 4	1.5 2.5	10 25	160	600	32	40	M36	3.5	38
	SR32B12G3U2			12	1.5	10	120	600	32	40	M36	3.5	38
	SR32B12G1U2			6 6	1.5 2.5	10 25	210	600	32	40	M36	3.5	38
	SR32B12G4U2			12	2.5	25	300	600	32	40	M36	3.5	38
	SR32B14G5U2			14	1.5	10	140	600	32	40	M36	3.5	38
SSR32B10G4U2			10	2.5	25	250	600	32	40	M36	3.5	38	

SR

2RM

PK

VS

BS

ZGT / ZGH

RWN

SWITCHES

Size	Code	Diagram	Contact				Connector		Dimensions [mm]				
Ø D			id.	n	Ø [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}
36	SR36B5G11U2			5	3.5	50	250	600	34	42	M39	3.5	40
	SR36B15G2U2			15	1.5	10	150	600	34	42	M39	3.5	38
	SR36B15G4U2			13 2	1.5 2.5	10 25	180	600	34	42	M39	3.5	38
	SR36B4G13U2			3 1	2.5 9	25 200	275	600	34	42	M39	3.5	42
	SSR36B15G5U2			15	2.5	22.5	337.5	600	34	42	M39	3.5	38
40	SR40B3G9U2			3	5.5	100	300	600	40	48	M45	3.5	42
	SR40B14G2U2			8 6	1.5 2.5	10 25	230	600	40	48	M45	3.5	38
	SR40B16G3U2			16	1.5	10	160	600	40	48	M45	3.5	38
	SR40B16G2U2			14 2	1.5 2.5	10 25	190	600	40	48	M45	3.5	38

Size	Code	Diagram	Contact				Connector		Dimensions [mm]				
Ø D			id.	n	Ø [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}
48	SR48B9G1U2			4 2 2 1	1.5 2.5 5.5 9	10 25 100 200	490	600	48	58	M52	4.5	42
	SR48B9G7U2			5 4	2.5 5.5	25 100	525	600	48	58	M52	4.5	42
	SR48B20G2U2			20	2.5	25	500	600	48	58	M52	4.5	38
	SR48B20G1U2			14 6	1.5 2.5	10 25	290	600	48	58	M52	4.5	38
	SR48B26G2U2			26	1.5	8	208	600	48	58	M52	4.5	38
	SR48B26G3U2			26	2.5	20	520	600	48	58	M52	4.5	38
	SSR48B20G2U2			20	2.5	22.5	450	600	48	58	M52	4.5	38
	SSR48B26G3U2			26	2.5	20	520	600	48	58	M52	4.5	38

SR

2RM

PK

VS

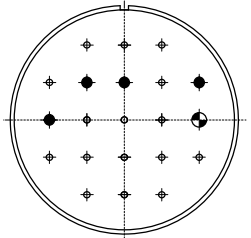



BS

ZGT / ZGH

RWN

SWITCHES

Size	Code	Diagram	Contact				Connector		Dimensions [mm]				
Ø D			id.	n	Ø [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}
55	SR55B23G1U2			16	1.5	8	448	600	52	64	M60	4.5	42
			2	2.5	20								
				3	3.5	40							
				2	5.5	80							
	SR55B31G3U2			14	1.5	7	448	600	52	64	M60	4.5	40
				14	2.5	17.5							
				3	3.5	35							
60	SR60B7G10U2			7	5.5	100	700	600	54	68	M64	4.5	42
	SR60B31G1U2			14	1.5	7	483	600	54	68	M64	4.5	42
				14	2.5	17.5							
				2	3.5	35							
				1	5.5	70							
		SR60B45G2U2			25	1.5	7	525	600	54	68	M64	4.5
				20	2.5	17.5							
	SR60B45G1U2			35	1.5	7	420	600	54	68	M64	4.5	38
				10	2.5	17.5							
	SR60B47G2U2			40	1.5	7	402.5	600	54	68	M64	4.5	38
				7	2.5	17.5							


Size	Code	Diagram	Contact				Connector			Dimensions [mm]				
Ø D			id.	n	Ø [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}	
60	ZWN60B20G1			16	1.5	10								
				4	2.5	25	260	380	54	68	M64	4.5	41	
				1	3.0	x								

Available mating combinations

Code	Counterpart
SR XX B YY G ZZ U2	SR XX KPE YY S ZZ U2
	SR XX KPN YY S ZZ U2
	SR XX KUE YY S ZZ U2
	SR XX KUN YY S ZZ U2
SSR XX B YY G ZZ U2	SSR XX KPE YY S ZZ U2
	SSR XX KPN YY S ZZ U2
	SSR XX KUE YY S ZZ U2
	SSR XX KUN YY S ZZ U2
ZWN60B20G1	ZWN60KPN20S1

XX – housing size • YY – number of contacts • ZZ – pinout identifier number

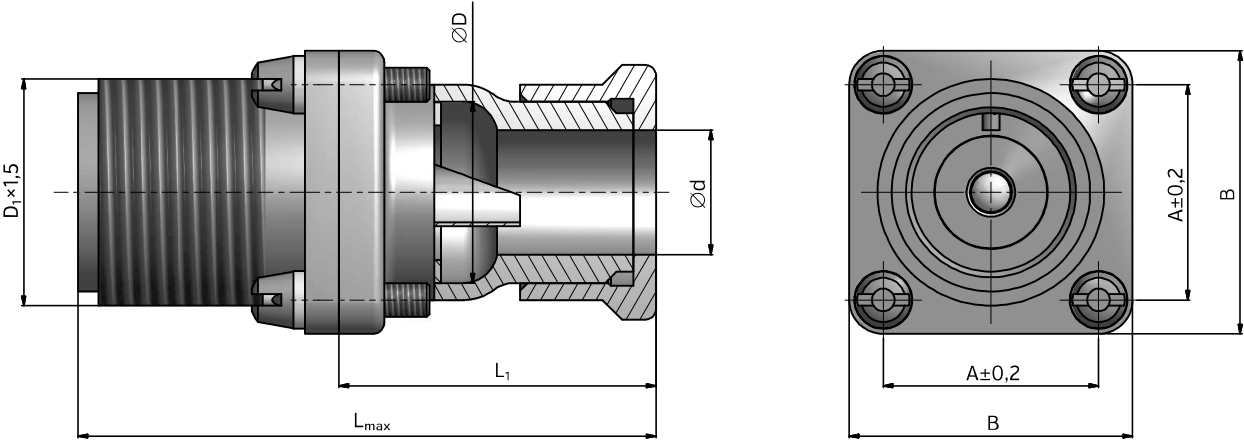
Order example

Panel Mount Female Receptacle		SR	32	B	12	G	1	U2
Angled Cable Mount Unshielded Male Plug		SR	32	KUN	12	S	1	U2

STRAIGHT CABLE MOUNT SHIELDED MALE RECEPTACLE

SR_BPE_S

SRG_BPE_S



Size	Code	Diagram	Contact			Connector			Dimensions [mm]					
			id.	n	Ø [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}	L ₁
16	SR16BPE1S3U2			1	3.5	50	50	600	19	25	M20	11	52	28
	SR16BPE2S5U2			2	1.5	10	20	600	19	25	M20	11	52	28
	SRG16BPE1S3U2 [airtight]			1	3.5	50	50	600	19	26	M20	11	56	28
20	SR20BPE2S5U2			2	1.5	10	20	600	22	30	M24	18	56	32
	SR20BPE2S6U2			2	2.5	25	50	600	22	30	M24	18	56	32
	SR20BPE3S6U2			3	1.5	10	30	600	22	30	M24	18	56	32
	SR20BPE3S1U2			1	1.5	10	60	600	22	30	M24	18	56	32
	SR20BPE3S7U2			2	2.5	25	75	600	22	30	M24	18	56	32
	SR20BPE4S4U2			4	1.5	10	40	600	22	30	M24	18	56	32
	SR20BPE4S1U2			2	1.5	10	70	600	22	30	M24	18	56	32
	SR20BPE4S8U2			2	2.5	25	100	600	22	30	M24	18	56	32
	SR20BPE5S10U2			4	2.5	25	125	600	22	30	M24	18	56	32
	SR20BPE5S7U2			5	1.5	10	50	600	22	30	M24	18	56	32

Size	Code	Diagram	Contact				Connector			Dimensions [mm]					
Ø D			id.	n	Ø [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}	L ₁	
20	SRG20BPE2S5U2 [airtight]			2	1.5	10	20	600	22	32	M24	18	60	32	SR
	SRG20BPE2S6U2 [airtight]			2	2.5	25	50	600	22	32	M24	18	60	32	
	SRG20BPE3S6U2 [airtight]			3	1.5	10	30	600	22	32	M24	18	60	32	
	SRG20BPE3S1U2 [airtight]			1	1.5	10	60	600	22	32	M24	18	60	32	
	SRG20BPE3S7U2 [airtight]			2	2.5	25	75	600	22	32	M24	18	60	32	
	SRG20BPE4S4U2 [airtight]			3	1.5	10	40	600	22	32	M24	18	60	32	
	SRG20BPE4S8U2 [airtight]			4	2.5	25	100	600	22	32	M24	18	60	32	
	SRG20BPE4S1U2 [airtight]			2	1.5	10	70	600	22	32	M24	18	60	32	
	SRG20BPE5S7U2 [airtight]			2	2.5	25	50	600	22	32	M24	18	60	32	
28	SR28BPE1S4U2			1	5.5	100	100	600	30	38	M33	25	60	36	2RM
	SR28BPE2S7U2			2	3.5	50	100	600	30	38	M33	25	60	36	
	SR28BPE4S5U2			2	2.5	25	150	600	30	38	M33	25	60	36	
	SR28BPE6S5U2			2	3.5	50	60	600	30	38	M33	25	60	36	PK
	SR28BPE6S7U2			4	1.5	10	90	600	30	38	M33	25	60	36	
	SR28BPE6S9U2			2	2.5	25	150	600	30	38	M33	25	60	36	
	SR28BPE7S7U2			6	2.5	25	70	600	30	38	M33	25	60	36	VS
	SR28BPE7S9U2			7	2.5	25	175	600	30	38	M33	25	60	36	

Size	Code	Diagram	Contact				Connector		Dimensions [mm]					
Ø D			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}	L ₁
28	SR28BPE7S3U2			3	1.5	10	130	600	30	38	M33	25	60	36
				4	2.5	25								
	SR28BPE7S4U2			4	1.5	10	115	600	30	38	M33	25	60	36
				3	2.5	25								
	SR28BPE7S5U2			5	1.5	10	100	600	30	38	M33	25	60	36
				2	2.5	25								
	SRG28BPE1S4U2 [airtight]			1	5.5	100	100	600	30	40	M33	25	64	36
SRG28BPE2S7U2 [airtight]			2	3.5	50	100	600	30	40	M33	25	64	36	
SRG28BPE4S5U2 [airtight]			2	2.5	25	150	600	30	40	M33	25	64	36	
				2	3.5	50								
SRG28BPE7S9U2 [airtight]			7	2.5	25	175	600	30	40	M33	25	64	36	
32	SR32BPE1S5U2			1	9	200	200	600	32	40	M36	25	64	40
	SR32BPE4S14U2			3	2.5	25	175	600	32	40	M36	25	64	40
				1	5.5	100								
	SR32BPE8S2U2			8	1.5	10	80	600	32	40	M36	25	64	40
	SR32BPE8S3U2			8	2.5	25	200	600	32	40	M36	25	64	40
	SR32BPE8S4U2			4	1.5	10	140	600	32	40	M36	25	64	40
				4	2.5	25								
SR32BPE8S1U2			7	1.5	10	95	600	32	40	M36	25	64	40	
				1	2.5	25								
SR32BPE10S1U2			6	1.5	10	160	600	32	40	M36	25	64	40	
				4	2.5	25								

Size Ø D	Code	Diagram	Contact				Connector			Dimensions [mm]					
			id.	n	Ø [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}	L ₁	
32	SR32BPE12S3U2			12	1.5	10	120	600	32	40	M36	25	64	40	SR
	SR32BPE12S1U2			6 6	1.5 2.5	10 25	210	600	32	40	M36	25	64	40	
	SR32BPE12S4U2			12	2.5	25	300	600	32	40	M36	25	64	40	
	SR32BPE14S5U2			14	1.5	10	140	600	32	40	M36	25	64	40	
	SRG32BPE12S1U2 [airtight]			6 6	1.5 2.5	10 25	210	600	32	44	M36	25	68	40	
36	SR36BPE4S13U2			3 1	2.5 9	25 200	275	600	34	42	M39	29	66	42	VS
	SR36BPE5S11U2			5	3.5	50	250	600	34	42	M39	29	66	42	
	SR36BPE15S2U2			15	1.5	10	150	600	34	42	M39	29	66	42	
	SR36BPE15S4U2			13 2	1.5 2.5	10 25	180	600	34	42	M39	29	66	42	
	SRG36BPE15S4U2 [airtight]			13 2	1.5 2.5	10 25	180	600	34	46	M39	29	70	42	
40	SR40BPE3S9U2			3	5.5	100	300	600	40	48	M45	32	66	42	RWN
	SR40BPE14S2U2			8 6	1.5 2.5	10 25	230	600	40	48	M45	32	66	42	

SR

2RM

PK

VS

BS

ZGT / ZGH

RWN

SWITCHES

Size	Code	Diagram	Contact				Connector			Dimensions [mm]					
∅ D			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}	L ₁	
40	SR40BPE16S3U2			16	1.5	10	160	600	40	48	M45	32	66	42	
	SR40BPE16S2U2			14 2	1.5 2.5	10 25	190	600	40	48	M45	32	66	42	
	SRG40BPE16S2U2 [airtight]			14 2	1.5 2.5	10 25	190	600	40	52	M45	32	70	42	
48	SR48BPE9S1U2			4 2 2 1	1.5 2.5 5.5 9	10 25 100 200	490	600	48	58	M52	36	68	44	
	SR48BPE9S7U2			5 4	2.5 5.5	25 100	525	600	48	58	M52	36	68	44	
	SR48BPE20S2U2			20	2.5	25	500	600	48	58	M52	36	68	44	
	SR48BPE20S1U2			14 6	1.5 2.5	10 25	290	600	48	58	M52	36	68	44	
	SR48BPE26S2U2			26	1.5	8	208	600	48	58	M52	36	68	44	
	SR48BPE26S3U2			26	2.5	20	520	600	48	58	M52	36	68	44	

Size	Code	Diagram	Contact				Connector		Dimensions [mm]					
Ø D			id.	n	Ø [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}	L ₁
48	SRG48BPE9S1U2 [airtight]			4	1.5	10	490	600	48	60	M52	36	72	44
				2	2.5	25								
				2	5.5	100								
				1	9	200								
55	SR55BPE23S1U2			16	1.5	8	448	600	52	64	M60	46	68	42
				2	2.5	20								
				3	3.5	40								
				2	5.5	80								
	SR55BPE31S3U2			14	1.5	7	448	600	52	64	M60	46	68	42
				14	2.5	17.5								
				3	3.5	35								
	SRG55BPE23S1U2 [airtight]			16	1.5	8	448	600	52	68	M60	46	72	42
				2	2.5	20								
				3	3.5	40								
60	SR60BPE7S10U2			7	5.5	100	700	600	54	68	M64	50	66	42
	SR60BPE31S1U2			14	1.5	7	483	600	54	68	M64	50	66	42
				14	2.5	17.5								
				2	3.5	35								
				1	5.5	70								

SR

2RM

PK

VS

BS

ZGT / ZGH

RWN

SWITCHES

Size	Code	Diagram	Contact				Connector		Dimensions [mm]					
∅ D			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}	L ₁
60	SR60BPE45S2U2			25 20	1.5 2.5	7 17.5	525	600	54	68	M64	50	66	42
	SR60BPE45S1U2			35 10	1.5 2.5	7 17.5	420	600	54	68	M64	50	66	42
	SR60BPE47S2U2			40 7	1.5 2.5	7 17.5	402.5	600	54	68	M64	50	66	42

Available mating combinations

Code	Counterpart
SR XX BPE YY S ZZ U2	SR XX KPE YY G ZZ U2
SRG XX BPE YY S ZZ U2	SR XX KUE YY G ZZ U2

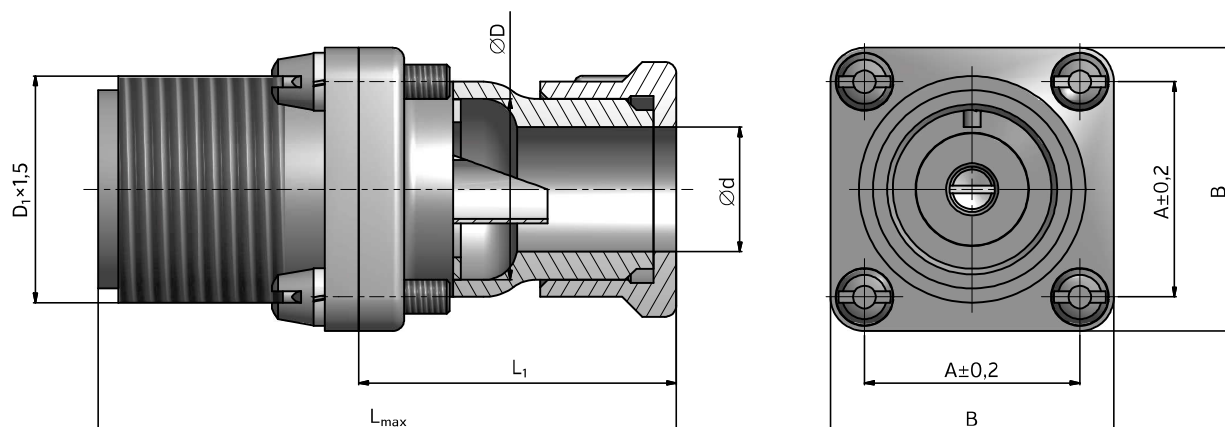
XX - housing size • YY - number of contacts • ZZ - pinout identifier number

Order example

Straight Cable Mount Shielded Male Receptacle	SR	32	BPE	12	S	1	U2
Angled Cable Mount Shielded Female Plug	SR	32	KUE	12	G	1	U2

STRAIGHT CABLE MOUNT SHIELDED FEMALE RECEPTACLE

SR_BPE_G_



Size	Code	Diagram	Contact				Connector			Dimensions [mm]				
Ø D			id.	n	Ø [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}	L ₁
16	SR16BPE1G3U2			1	3.5	50	50	600	19	25	M20	11	52	28
	SR16BPE2G5U2			2	1.5	10	20							
20	SR20BPE2G5U2			2	1.5	10	20	600	22	30	M24	18	56	32
	SR20BPE2G6U2			2	2.5	25	50	600	22	30	M24	18	56	32
	SR20BPE3G6U2			3	1.5	10	30	600	22	30	M24	18	56	32
	SR20BPE3G1U2			1	1.5	10	60	600	22	30	M24	18	56	32
				2	2.5	25	25							
	SR20BPE3G7U2			3	2.5	25	75	600	22	30	M24	18	56	32
	SR20BPE4G4U2			4	1.5	10	40	600	22	30	M24	18	56	32
	SR20BPE4G1U2			2	1.5	10	70	600	22	30	M24	18	56	32
				2	2.5	25	25							
	SR20BPE4G8U2			4	2.5	25	100	600	22	30	M24	18	56	32
	SR20BPE5G10U2			5	2.5	25	125	600	22	30	M24	18	56	32
	SR20BPE5G7U2			5	1.5	10	50							

Size	Code	Diagram	Contact				Connector		Dimensions [mm]					
Ø D			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}	L ₁
28	SR28BPE1G4U2			1	5.5	100	100	600	30	38	M33	25	60	36
	SR28BPE2G7U2			2	3.5	50	100	600	30	38	M33	25	60	36
	SR28BPE4G5U2			2 2	2.5 3.5	25 50	150	600	30	38	M33	25	60	36
	SR28BPE6G5U2			6	1.5	10	60	600	30	38	M33	25	60	36
	SR28BPE6G7U2			4 2	1.5 2.5	10 25	90	600	30	38	M33	25	60	36
	SR28BPE6G9U2			6	2.5	25	150	600	30	38	M33	25	60	36
	SR28BPE7G7U2			7	1.5	10	70	600	30	38	M33	25	60	36
	SR28BPE7G9U2			7	2.5	25	175	600	30	38	M33	25	60	36
	SR28BPE7G3U2			3 4	1.5 2.5	10 25	130	600	30	38	M33	25	60	36
	SR28BPE7G4U2			4 3	1.5 2.5	10 25	115	600	30	38	M33	25	60	36
SR28BPE7G5U2			5 2	1.5 2.5	10 25	100	600	30	38	M33	25	60	36	
32	SR32BPE1G5U2			1	9	200	200	600	32	40	M36	25	64	40
	SR32BPE4G14U2			3 1	2.5 5.5	25 100	175	600	32	40	M36	25	64	40
	SR32BPE8G2U2			8	1.5	10	80	600	32	40	M36	25	64	40

Size	Code	Diagram	Contact				Connector			Dimensions [mm]					
Ø D			id.	n	Ø [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}	L ₁	
32	SR32BPE8G1U2			7 1	1.5 2.5	10 25	95	600	32	40	M36	25	64	40	SR
	SR32BPE8G4U2			4 4	1.5 2.5	10 25	140	600	32	40	M36	25	64	40	2RM
	SR32BPE8G3U2			8	2.5	25	200	600	32	40	M36	25	64	40	PK
	SR32BPE10G1U2			6 4	1.5 2.5	10 25	160	600	32	40	M36	25	64	40	VS
	SR32BPE12G3U2			12	1.5	10	120	600	32	40	M36	25	64	40	BS
	SR32BPE12G1U2			6 6	1.5 2.5	10 25	210	600	32	40	M36	25	64	40	ZGT / ZGH
	SR32BPE12G4U2			12	2.5	25	300	600	32	40	M36	25	64	40	RWN
	SR32BPE14G5U2			14	1.5	10	140	600	32	40	M36	25	64	40	SWITCHES
36	SR36BPE4G13U2			3 1	2.5 9	25 200	275	600	34	42	M39	29	66	42	
	SR36BPE5G11U2			5	3.5	50	250	600	34	42	M39	29	66	42	
	SR36BPE15G2U2			15	1.5	10	150	600	34	42	M39	29	66	42	
	SR36BPE15G4U2			13 2	1.5 2.5	10 25	180	600	34	42	M39	29	66	42	

Size	Code	Diagram	Contact				Connector		Dimensions [mm]					
∅ D			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}	L ₁
40	SR40BPE3G9U2			3	5.5	100	300	600	40	48	M45	32	66	42
	SR40BPE14G2U2			8 6	1.5 2.5	10 25	230	600	40	48	M45	32	66	42
	SR40BPE16G3U2			16	1.5	10	160	600	40	48	M45	32	66	42
	SR40BPE16G2U2			14 2	1.5 2.5	10 25	190	600	40	48	M45	32	66	42
48	SR48BPE9G1U2			4 2 2 1	1.5 2.5 5.5 9	10 25 100 200	490	600	48	58	M52	36	68	44
	SR48BPE9G7U2			5 4	2.5 5.5	25 100	525	600	48	58	M52	36	68	44
	SR48BPE20G2U2			20	2.5	25	500	600	48	58	M52	36	68	44
	SR48BPE20G1U2			14 6	1.5 2.5	10 25	290	600	48	58	M52	36	68	44
	SR48BPE26G2U2			26	1.5	8	208	600	48	58	M52	36	68	44

Size	Code	Diagram	Contact				Connector			Dimensions [mm]				
Ø D			id.	n	Ø [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}	L ₁
48	SR48BPE26G3U2			26	2.5	20	520	600	48	58	M52	36	68	44
55	SR55BPE23G1U2			16	1.5	8	448	600	52	64	M60	46	68	44
				2	2.5	20								
				3	3.5	40								
				2	5.5	80								
	SR55BPE31G3U2			14	1.5	7	448	600	52	64	M60	46	68	44
				14	2.5	17.5								
				3	3.5	35								
60	SR60BPE7G10U2			7	5.5	100	700	600	54	68	M64	50	66	42
	SR60BPE31G1U2			14	1.5	7	483	600	54	68	M64	50	66	42
				14	2.5	17.5								
				2	3.5	35								
				1	5.5	70								
	SR60BPE45G2U2			25	1.5	7	525	600	54	68	M64	50	66	42
				20	2.5	17.5								
	SR60BPE45G1U2			35	1.5	7	420	600	54	68	M64	50	66	42
				10	2.5	17.5								

SR

2RM

PK

VS

BS

ZGT / ZGH

RWN

SWITCHES

Size	Code	Diagram	Contact				Connector		Dimensions [mm]					
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}	L ₁
60	SR60BPE47G2U2			40 7	1.5 2.5	7 17.5	402.5	600	54	68	M64	50	66	42

Available mating combinations

Code	Counterpart
SR XX BPE YY G ZZ U2	SR XX KPE YY S ZZ U2
	SR XX KUE YY S ZZ U2

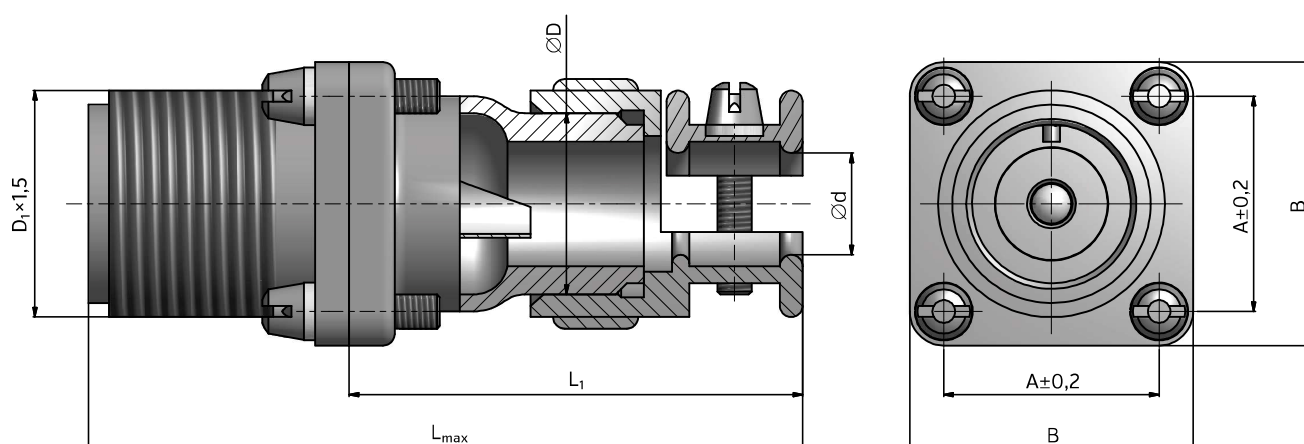
XX - housing size • YY - number of contacts • ZZ - pinout identifier number

Order example

Straight Cable Mount Shielded Female Receptacle		SR	32	BPE	12	G	1	U2
Angled Cable Mount Male Plug		SR	32	KUE	12	S	1	U2

STRAIGHT CABLE MOUNT UNSHIELDED MALE RECEPTACLE

SR_BPN_S
SRG_BPN_S



Size	Code	Diagram	Contact				Connector			Dimensions [mm]				
Ø D			id.	n	Ø [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}	L ₁
16	SR16BPN1S3U2			1	3.5	50	50	600	19	25	M20	9	65	40
	SR16BPN2S5U2			2	1.5	10	20	600	19	25	M20	9	65	40
	SRG16BPN1S3U2 [airtight]			1	3.5	50	50	600	19	26	M20	9	68	40
20	SR20BPN2S5U2			2	1.5	10	20	600	22	30	M24	14	69	42
	SR20BPN2S6U2			2	2.5	25	50	600	22	30	M24	14	69	42
	SR20BPN3S6U2			3	1.5	10	30	600	22	30	M24	14	69	42
	SR20BPN3S1U2			1	1.5	10	60	600	22	30	M24	14	69	42
	SR20BPN3S7U2			3	2.5	25	75	600	22	30	M24	14	69	42
	SR20BPN4S4U2			4	1.5	10	40	600	22	30	M24	14	69	42
	SR20BPN4S1U2			2	1.5	10	70	600	22	30	M24	14	69	42
	SR20BPN4S8U2			4	2.5	25	100	600	22	30	M24	14	69	42
	SR20BPN5S10U2			5	2.5	25	125	600	22	30	M24	14	69	42
	SR20BPN5S7U2			5	1.5	10	50	600	22	30	M24	14	69	42

Size	Code	Diagram	Contact				Connector		Dimensions [mm]					
Ø D			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}	L ₁
20	SRG20BPN2S5U2 [airtight]			2	1.5	10	20	600	22	32	M24	14	72	42
	SRG20BPN2S6U2 [airtight]			2	2.5	25	50	600	22	32	M24	14	72	42
	SRG20BPN3S6U2 [airtight]			3	1.5	10	30	600	22	32	M24	14	72	42
	SRG20BPN3S1U2 [airtight]		 	1 2	1.5 2.5	10 25	60	600	22	32	M24	14	72	42
	SRG20BPN3S7U2 [airtight]			3	2.5	25	75	600	22	32	M24	14	72	42
	SRG20BPN4S4U2 [airtight]			4	1.5	10	40	600	22	32	M24	14	72	42
	SRG20BPN4S8U2 [airtight]			4	2.5	25	100	600	22	32	M24	14	72	42
	SRG20BPN4S1U2 [airtight]		 	2 2	1.5 2.5	10 25	70	600	22	32	M24	14	72	42
	SRG20BPN5S7U2 [airtight]			5	1.5	10	50	600	22	32	M24	14	72	42
28	SR28BPN1S4U2			1	5.5	100	100	600	30	38	M33	21	75	50
	SR28BPN2S7U2			2	3.5	50	100	600	30	38	M33	21	75	50
	SR28BPN4S5U2		 	2 2	2.5 3.5	25 50	150	600	30	38	M33	21	75	50
	SR28BPN6S5U2			6	1.5	10	60	600	30	38	M33	21	75	50
	SR28BPN6S9U2			6	2.5	25	150	600	30	38	M33	21	75	50
	SR28BPN7S7U2			7	1.5	10	70	600	30	38	M33	21	75	50
	SR28BPN7S9U2			7	2.5	25	175	600	30	38	M33	21	75	50
	SR28BPN7S3U2		 	3 4	1.5 2.5	10 25	130	600	30	38	M33	21	75	50

Size Ø D	Code	Diagram	Contact				Connector		Dimensions [mm]					
			id.	n	Ø [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}	L ₁
28	SR28BPN6S7U2			4 2	1.5 2.5	10 25	90	600	30	38	M33	21	74	50
	SR28BPN7S4U2			4 3	1.5 2.5	10 25	115	600	30	38	M33	21	74	50
	SR28BPN7S5U2			5 2	1.5 2.5	10 25	100	600	30	38	M33	21	74	50
	SRG28BPN1S4U2 [airtight]			1	5.5	100	100	600	30	40	M33	21	78	50
	SRG28BPN2S7U2 [airtight]			2	3.5	50	100	600	30	40	M33	21	78	50
	SRG28BPN4S5U2 [airtight]			2 2	2.5 3.5	25 50	150	600	30	40	M33	21	78	50
	SRG28BPN7S9U2 [airtight]			7	2.5	25	175	600	30	40	M33	21	78	50
32	SR32BPN1S5U2			1	9	200	200	600	32	40	M36	21	79	54
	SR32BPN4S14U2			3 1	2.5 5.5	25 100	175	600	32	40	M36	21	79	54
	SR32BPN8S2U2			8	1.5	10	80	600	32	40	M36	21	79	54
	SR32BPN8S1U2			7 1	1.5 2.5	10 25	95	600	32	40	M36	21	79	54
	SR32BPN8S4U2			4 4	1.5 2.5	10 25	140	600	32	40	M36	21	79	54
	SR32BPN8S3U2			8	2.5	25	200	600	32	40	M36	21	79	54
	SR32BPN10S1U2			6 4	1.5 2.5	10 25	160	600	32	40	M36	21	79	54

SR

2RM

PK

VS

BS

ZGT / ZGH

RWN

SWITCHES

Size	Code	Diagram	Contact				Connector		Dimensions [mm]					
∅ D			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}	L ₁
32	SR32BPN12S3U2			12	1.5	10	120	600	32	40	M36	21	79	54
	SR32BPN12S1U2			6 6	1.5 2.5	10 25	210	600	32	40	M36	21	79	54
	SR32BPN12S4U2			12	2.5	25	300	600	32	40	M36	21	79	54
	SR32BPN14S5U2			14	1.5	10	140	600	32	40	M36	21	79	54
	SRG32BPN12S1U2 [airtight]			6 6	1.5 2.5	10 25	210	600	32	44	M36	21	82	54
36	SR36BPN5S11U2			5	3.5	50	250	600	34	42	M39	23	81	56
	SR36BPN15S2U2			15	1.5	10	150	600	34	42	M39	23	81	56
	SR36BPN15S4U2			13 2	1.5 2.5	10 25	180	600	34	42	M39	23	81	56
	SR36BPN4S13U2			3 1	2.5 9	25 200	275	600	34	42	M39	23	81	56
	SRG36BPN15S4U2 [airtight]			13 2	1.5 2.5	10 25	180	600	34	46	M39	23	84	56
40	SR40BPN3S9U2			3	5.5	100	300	600	40	48	M45	24	81	56
	SR40BPN14S2U2			8 6	1.5 2.5	10 25	230	600	40	48	M45	24	81	56

Size	Code	Diagram	Contact				Connector			Dimensions [mm]					
Ø D			id.	n	Ø [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}	L ₁	
40	SR40BPN16S3U2			16	1.5	10	160	600	40	48	M45	24	81	56	SR
	SR40BPN16S2U2			14 2	1.5 2.5	10 25	190	600	40	48	M45	24	81	56	
	SRG40BPN16S2U2 (airtight)			14 2	1.5 2.5	10 25	190	600	40	52	M45	24	84	56	
48	SR48BPN9S1U2			4 2 2 1	1.5 2.5 5.5 9	10 25 100 200	490	600	48	58	M52	32	83	58	PK
	SR48BPN9S7U2			5 4	2.5 5.5	25 100	525	600	48	58	M52	32	83	58	
	SR48BPN20S2U2			20	2.5	25	500	600	48	58	M52	32	83	58	BS
	SR48BPN20S1U2			14 6	1.5 2.5	10 25	290	600	48	58	M52	32	83	58	
	SR48BPN26S2U2			26	1.5	8	208	600	48	58	M52	32	83	58	ZGT / ZGH
	SR48BPN26S3U2			26	2.5	20	520	600	48	58	M52	32	83	58	

SR

2RM

PK

VS

BS

ZGT / ZGH

RWN

SWITCHES

Size	Code	Diagram	Contact				Connector		Dimensions [mm]					
Ø D			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}	L ₁
48	SRG48BPN9S1U2 [airtight]			4	1.5	10	490	600	48	60	M52	32	86	58
				2	2.5	25								
				2	5.5	100								
				1	9	200								
55	SR55BPN23S1U2			16	1.5	8	448	600	52	64	M60	40	83	58
				2	2.5	20								
				3	3.5	40								
				2	5.5	80								
	SR55BPN31S3U2			14	1.5	7	448	600	52	64	M60	40	83	58
				14	2.5	17.5								
				3	3.5	35								
	SRG55BPN23S1U2 [airtight]			16	1.5	8	448	600	52	68	M60	40	86	58
				2	2.5	20								
			3	3.5	40									
			2	5.5	80									
60	SR60BPN7S10U2			7	5.5	100	700	600	54	68	M64	48	81	56
				14	1.5	7								
				14	2.5	17.5								
				2	3.5	35								
	SR60BPN31S1U2			1	5.5	70	483	600	54	68	M64	48	81	56
				25	1.5	7								
				20	2.5	17.5								
SR60BPN45S2U2			25	1.5	7	525	600	54	68	M64	48	81	56	
			20	2.5	17.5									

Size	Code	Diagram	Contact				Connector			Dimensions [mm]					
Ø D			id.	n	Ø [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}	L ₁	
60	SR60BPN45S1U2			35 10	1.5 2.5	7 17.5	420	600	54	68	M64	48	81	56	SR
	SR60BPN47S2U2			40 7	1.5 2.5	7 17.5	402.5	600	54	68	M64	48	81	56	2RM
	ZWN60BPN20S1			16 4 1	1.5 2.5 3.0	10 25 x	260	380	54	68	M64	48	81	56	PK

Available mating combinations

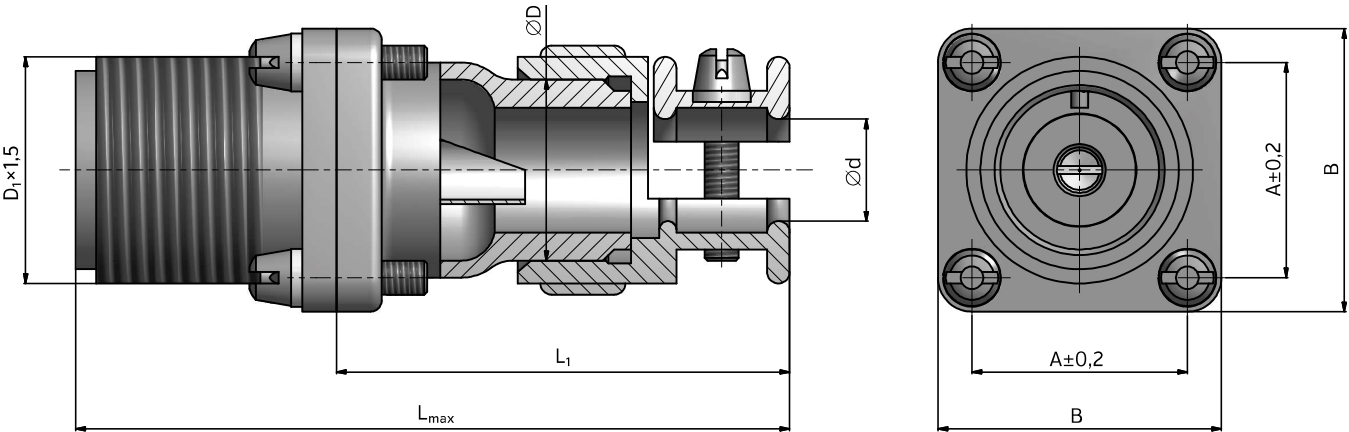
Code	Counterpart
SR XX BPN YY S ZZ U2	SR XX KPN YY G ZZ U2
SRG XX BPN YY S ZZ U2	SR XX KUN YY G ZZ U2

XX - housing size • YY - number of contacts • ZZ - pinout identifier number

Order example

Straight Cable Mount Unshielded Male Receptacle	SR	32	BPN	12	S	1	U2
Angled Cable Mount Unshielded Female Plug	SR	32	KUN	12	G	1	U2

STRAIGHT CABLE MOUNT UNSHIELDED FEMALE RECEPTACLE
SR_BPN_G_



Size	Code	Diagram	Contact			Connector			Dimensions [mm]					
Ø D			id.	n	Ø [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}	L ₁
16	SR16BPN1G3U2			1	3.5	50	50	600	19	25	M20	9	65	40
	SR16BPN2G5U2			2	1.5	10	20	600	19	25	M20	9	65	40
20	SR20BPN2G5U2			2	1.5	10	20	600	22	30	M24	14	69	42
	SR20BPN2G6U2			2	2.5	25	50	600	22	30	M24	14	69	42
	SR20BPN3G6U2			3	1.5	10	30	600	22	30	M24	14	69	42
	SR20BPN3G1U2			1	1.5	10	60	600	22	30	M24	14	69	42
	SR20BPN3G7U2			3	2.5	25	75	600	22	30	M24	14	69	42
	SR20BPN4G4U2			4	1.5	10	40	600	22	30	M24	14	69	42
	SR20BPN4G1U2			2	1.5	10	70	600	22	30	M24	14	69	42
	SR20BPN4G8U2			4	2.5	25	100	600	22	30	M24	14	69	42
	SR20BPN5G10U2			5	2.5	25	125	600	22	30	M24	14	69	42
	SR20BPN5G7U2			5	1.5	10	50	600	22	30	M24	14	69	42

Size Ø D	Code	Diagram	Contact				Connector			Dimensions [mm]					
			id.	n	Ø [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}	L ₁	
28	SR28BPN1G4U2			1	5.5	100	100	600	30	38	M33	21	75	50	SR
	SR28BPN2G7U2			2	3.5	50	100	600	30	38	M33	21	75	50	
	SR28BPN4G5U2			2 2	2.5 3.5	25 50	150	600	30	38	M33	21	75	50	2RM
	SR28BPN6G5U2			6	1.5	10	60	600	30	38	M33	21	75	50	
	SR28BPN6G7U2			4 2	1.5 2.5	10 25	90	600	30	38	M33	21	75	50	PK
	SR28BPN6G9U2			6	2.5	25	150	600	30	38	M33	21	75	50	
	SR28BPN7G7U2			7	1.5	10	70	600	30	38	M33	21	75	50	VS
	SR28BPN7G9U2			7	2.5	25	175	600	30	38	M33	21	75	50	
	SR28BPN7G3U2			3 4	1.5 2.5	10 25	130	600	30	38	M33	21	75	50	BS
	SR28BPN7G4U2			4 3	1.5 2.5	10 25	115	600	30	38	M33	21	75	50	
	SR28BPN7G5U2			5 2	1.5 2.5	10 25	100	600	30	38	M33	21	75	50	ZGT / ZGH
32	SR32BPN1G5U2			1	9	200	200	600	32	40	M36	21	79	54	ZGT / ZGH
	SR32BPN4G14U2			3 1	2.5 5.5	25 100	175	600	32	40	M36	21	79	54	
	SR32BPN8G2U2			8	1.5	10	80	600	32	40	M36	21	79	54	SWITCHES

SR

2RM

PK

VS

BS

ZGT / ZGH

RWN

SWITCHES

Size	Code	Diagram	Contact				Connector		Dimensions [mm]						
Ø D			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}	L ₁	
32	SR32BPN8G1U2			7 1	1.5 2.5	10 25		95	600	32	40	M36	21	79	54
	SR32BPN8G4U2			4 4	1.5 2.5	10 25		140	600	32	40	M36	21	79	54
	SR32BPN8G3U2			8	2.5	25		200	600	32	40	M36	21	79	54
	SR32BPN10G1U2			6 4	1.5 2.5	10 25		160	600	32	40	M36	21	79	54
	SR32BPN12G3U2			12	1.5	10		120	600	32	40	M36	21	79	54
	SR32BPN12G1U2			6 6	1.5 2.5	10 25		210	600	32	40	M36	21	79	54
	SR32BPN12G4U2			12	2.5	25		300	600	32	40	M36	21	79	54
	SR32BPN14G5U2			14	1.5	10		140	600	32	40	M36	21	79	54
36	SR36BPN4G13U2			3 1	2.5 9	25 200		275	600	34	42	M39	23	81	56
	SR36BPN5G11U2			5	3.5	50		250	600	34	42	M39	23	81	56
	SR36BPN15G2U2			15	1.5	10		150	600	34	42	M39	23	81	56
	SR36BPN15G4U2			13 2	1.5 2.5	10 25		180	600	34	42	M39	23	81	56

Size	Code	Diagram	Contact				Connector			Dimensions [mm]					
Ø D			id.	n	Ø [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}	L ₁	
40	SR40BPN3G9U2			3	5.5	100	300	600	40	48	M45	24	81	56	SR
	SR40BPN14G2U2			8 6	1.5 2.5	10 25	230	600	40	48	M45	24	81	56	2RM
	SR40BPN16G3U2			16	1.5	10	160	600	40	48	M45	24	81	56	PK
	SR40BPN16G2U2			14 2	1.5 2.5	10 25	190	600	40	48	M45	24	81	56	
48	SR48BPN9G1U2			4 2 2 1	1.5 2.5 5.5 9	10 25 100 200	490	600	48	58	M52	32	83	58	VS
	SR48BPN9G7U2			5 4	2.5 5.5	25 100	525	600	48	58	M52	32	83	58	BS
	SR48BPN20G2U2			20	2.5	25	500	600	48	58	M52	32	83	58	ZGT / ZGH
	SR48BPN20G1U2			14 6	1.5 2.5	10 25	290	600	48	58	M52	32	83	58	RWN
	SR48BPN26G2U2			26	1.5	8	208	600	48	58	M52	32	83	58	

Size	Code	Diagram	Contact				Connector			Dimensions [mm]					
∅ D			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}	L ₁	
48	SR48BPN26G3U2			26	2.5	20	520	600	48	58	M52	32	83	58	
55	SR55BPN23G1U2			16	1.5	8	448	600	52	64	M60	40	83	58	
				2	2.5	20									
				3	3.5	40									
				2	5.5	80									
	SR55BPN31G3U2			14	1.5	7	448	600	52	64	M60	40	83	58	
				14	2.5	17.5									
				3	3.5	35									
	60	SR60BPN7G10U2			7	5.5	100	700	600	54	68	M64	48	81	56
SR60BPN31G1U2				14	1.5	7	483	600	54	68	M64	48	81	56	
				14	2.5	17.5									
				2	3.5	35									
				1	5.5	70									
SR60BPN45G2U2				25	1.5	7	525	600	54	68	M64	48	81	56	
				20	2.5	17.5									
SR60BPN45G1U2				35	1.5	7	420	600	54	68	M64	48	81	56	
			10	2.5	17.5										

Size	Code	Diagram	Contact				Connector			Dimensions [mm]					
Ø D			id.	n	Ø [mm]	I _n [A]	I _n [A]	U _n [V]	A	B	D ₁	d	L _{max}	L ₁	
60	SR60BPN47G2U2			40	1.5	7	402.5	600	54	68	M64	48	81	56	SR
	ZWN60BPN20G1			16	1.5	10	260	380	54	68	M64	48	81	56	2RM
				4	2.5	25									PK
				1	3.0	x									VS

Available mating combinations

Code	Counterpart
SR XX BPN YY G ZZ U2	SR XX KPN YY S ZZ U2
	SR XX KUN YY S ZZ U2
ZWN60BPN20G1	ZWN60KPN20S1

XX - housing size • YY - number of contacts • ZZ - pinout identifier number

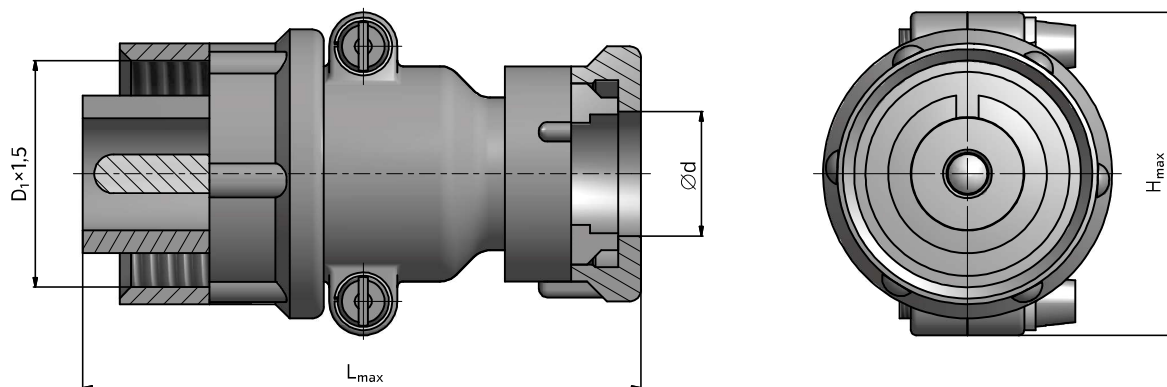
Order example

Straight Cable Mount Unshielded Female Receptacle		SR	32	BPN	12	G	1	U2
Angled Cable Mount Unshielded Male Plug		SR	32	KUN	12	S	1	U2



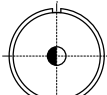

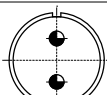

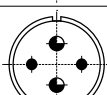

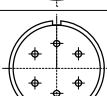

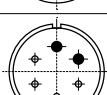

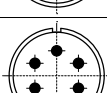

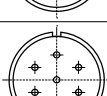

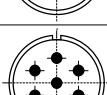

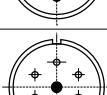

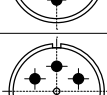

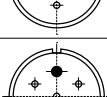

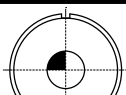

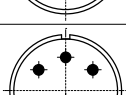

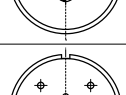

STRAIGHT CABLE MOUNT SHIELDED MALE PLUG

SR_KPE_S

SSR_KPE_S



Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	Ø [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
16	SR16KPE1S3U2			1	3.5	50	50	600	M20	11	51	28.5
	SR16KPE2S5U2			2	1.5	10	20					
20	SR20KPE2S5U2			2	1.5	10	20	600	M24	18	55	36
	SR20KPE2S6U2			2	2.5	25	50	600	M24	18	55	36
	SR20KPE3S6U2			3	1.5	10	30	600	M24	18	55	36
	SR20KPE3S1U2			1	1.5	10	60	600	M24	18	55	36
				2	2.5	25						
	SR20KPE3S7U2			3	2.5	25	75	600	M24	18	55	36
	SR20KPE4S4U2			4	1.5	10	40	600	M24	18	55	36
	SR20KPE4S1U2			2	1.5	10	70	600	M24	18	55	36
				2	2.5	25						
	SR20KPE4S8U2			4	2.5	25	100	600	M24	18	55	36
	SR20KPE5S10U2			5	2.5	25	125	600	M24	18	55	36
	SR20KPE5S7U2			5	1.5	10	50	600	M24	18	55	36
	SSR20KPE2S6U2			2	2.5	25	50	600	M24	18	55	36

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
20	SSR20KPE3S7U2			3	2.5	25	75	600	M24	18	55	36
28	SR28KPE1S4U2			1	5.5	100	100	600	M33	25	57	48
	SR28KPE2S7U2			2	3.5	50	100	600	M33	25	57	48
	SR28KPE4S5U2			2 2	2.5 3.5	25 50	150	600	M33	25	57	48
	SR28KPE6S5U2			6	1.5	10	60	600	M33	25	57	48
	SR28KPE6S7U2			4 2	1.5 2.5	10 25	90	600	M33	25	57	48
	SR28KPE6S9U2			6	2.5	25	150	600	M33	25	57	48
	SR28KPE7S7U2			7	1.5	10	70	600	M33	25	57	48
	SR28KPE7S9U2			7	2.5	25	175	600	M33	25	57	48
	SR28KPE7S3U2			3 4	1.5 2.5	10 25	130	600	M33	25	57	48
	SR28KPE7S4U2			4 3	1.5 2.5	10 25	115	600	M33	25	57	48
	SR28KPE7S5U2			5 2	1.5 2.5	10 25	100	600	M33	25	57	48
32	SR32KPE1S5U2			1	9	200	200	600	M36	25	59	52
	SR32KPE4S14U2			3 1	2.5 5.5	25 100	175	600	M36	25	59	52
	SR32KPE8S2U2			8	1.5	10	80	600	M36	25	59	52

SR

2RM

PK

VS

BS

ZGT / ZGH

RWN

SWITCHES

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	\varnothing [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
32	SR32KPE8S3U2			8	2.5	25	200	600	M36	25	59	52
	SR32KPE10S1U2			6 4	1.5 2.5	10 25	160	600	M36	25	59	52
	SR32KPE12S3U2			12	1.5	10	120	600	M36	25	59	52
	SR32KPE12S4U2			12	2.5	25	300	600	M36	25	59	52
	SR32KPE14S5U2			14	1.5	10	140	600	M36	25	59	52
	SR32KPE8S4U2			4 4	1.5 2.5	10 25	140	600	M36	25	59	52
	SR32KPE12S1U2			6 6	1.5 2.5	10 25	210	600	M36	25	59	52
	SR32KPE8S1U2			7 1	1.5 2.5	10 25	95	600	M36	25	59	52
	SSR32KPE10S4U2			10	2.5	25	250	600	M36	25	59	52
36	SR36KPE5S11U2			5	3.5	50	250	600	M39	29	63	55
	SR36KPE15S2U2			15	1.5	10	150	600	M39	29	63	55
	SR36KPE15S4U2			13 2	1.5 2.5	10 25	180	600	M39	29	63	55

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
36	SR36KPE4S13U2			3 1	2.5 9	25 200	275	600	M39	29	63	55
	SSR36KPE15S5U2			15	2.5	22.5	337.5	600	M39	29	63	55
40	SR40KPE3S9U2			3	5.5	100	300	600	M45	32	65	60
	SR40KPE14S2U2			8 6	1.5 2.5	10 25	230	600	M45	32	65	60
	SR40KPE16S3U2			16	1.5	10	160	600	M45	32	65	60
	SR40KPE16S2U2			14 2	1.5 2.5	10 25	190	600	M45	32	65	60
48	SR48KPE9S1U2			4 2 2 1	1.5 2.5 5.5 9	10 25 100 200	490	600	M52	36	67	68
	SR48KPE9S7U2			5 4	2.5 5.5	25 100	525	600	M52	36	67	68
	SR48KPE20S2U2			20	2.5	25	500	600	M52	36	67	68
	SR48KPE20S1U2			14 6	1.5 2.5	10 25	290	600	M52	36	67	68

SR

2RM

PK

VS

BS

ZGT / ZGH

RWN

SWITCHES

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
48	SR48KPE26S2U2			26	1.5	8	208	600	M52	36	67	68
	SR48KPE26S3U2			26	2.5	20	520	600	M52	36	67	68
	SSR48KPE20S2U2			20	2.5	22.5	450	600	M52	36	67	68
	SSR48KPE26S3U2			26	2.5	20	520	600	M52	36	67	68
55	SR55KPE23S1U2			16	1.5	8	448	600	M60	46	67	74
				2	2.5	20						
				3	3.5	40						
				2	5.5	80						
60	SR60KPE7S10U2			14	1.5	7	448	600	M60	46	67	74
				14	2.5	17.5						
				3	3.5	35						
60	SR60KPE31S1U2			14	1.5	7	483	600	M64	50	65	80
				14	2.5	17.5						
				2	3.5	35						
				1	5.5	70						

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
60	SR60KPE45S2U2			25 20	1.5 2.5	7 17.5	525	600	M64	50	65	80
	SR60KPE45S1U2			35 10	1.5 2.5	7 17.5	420	600	M64	50	65	80
	SR60KPE47S2U2			40 7	1.5 2.5	7 17.5	402.5	600	M64	50	65	80

Available mating combinations

Code	Counterpart
SR XX KPE YY S ZZ U2	SR XX B YY G ZZ U2
	SR XX BPE YY G ZZ U2
SSR XX KPE YY S ZZ U2	SSR XX B YY G ZZ U2

XX - housing size • YY - number of contacts • ZZ - pinout identifier number

Order example

Straight Cable Mount Shielded Male Plug		SR	32	KPE	12	S	1	U2
Panel Mount Female Receptacle		SR	32	B	12	G	1	U2

SR

2RM

PK

VS

BS

ZGT / ZGH

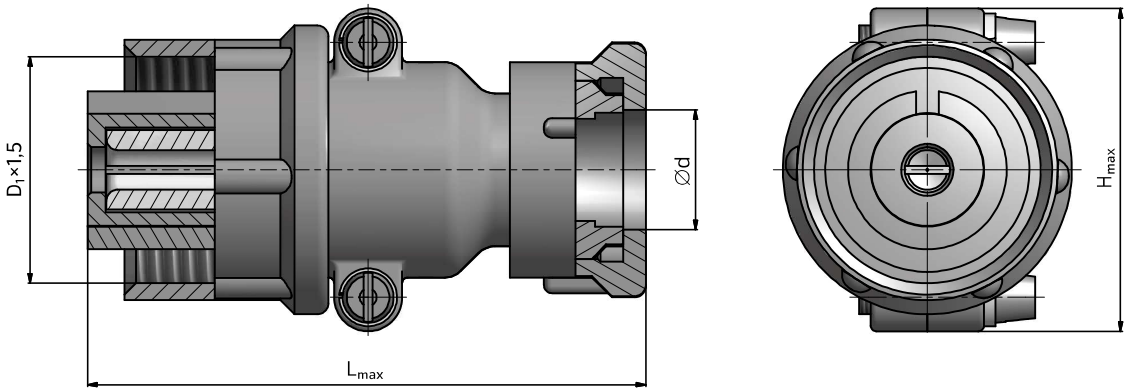
RWN

SWITCHES




































STRAIGHT CABLE MOUNT SHIELDED FEMALE PLUG

SR_KPE_G_

SSR_KPE_G_



Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	Ø [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
16	SR16KPE1G3U2			1	3.5	50	50	600	M20	11	51	28.5
	SR16KPE2G5U2			2	1.5	10	20	600	M20	11	51	28.5
20	SR20KPE2G5U2			2	1.5	10	20	600	M24	18	55	36
	SR20KPE2G6U2			2	2.5	25	50	600	M24	18	55	36
	SR20KPE3G6U2			3	1.5	10	30	600	M24	18	55	36
	SR20KPE3G1U2			1 2	1.5 2.5	10 25	60	600	M24	18	55	36
	SR20KPE3G7U2			3	2.5	25	75	600	M24	18	55	36
	SR20KPE4G4U2			4	1.5	10	40	600	M24	18	55	36
	SR20KPE4G8U2			4	2.5	25	100	600	M24	18	55	36
	SR20KPE4G1U2			2 2	1.5 2.5	10 25	70	600	M24	18	55	36
	SR20KPE5G10U2			5	2.5	25	125	600	M24	18	55	36
	SR20KPE5G7U2			5	1.5	10	50	600	M24	18	55	36

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
20	SSR20KPE2G6U2			2	2.5	25	50	600	M24	18	55	36
	SSR20KPE3G7U2			3	2.5	25	75	600	M24	18	55	36
28	SR28KPE1G4U2			1	5.5	100	100	600	M33	25	57	48
	SR28KPE2G7U2			2	3.5	50	100	600	M33	25	57	48
	SR28KPE4G5U2			2	2.5	25	150	600	M33	25	57	48
				2	3.5	50						
	SR28KPE6G5U2			6	1.5	10	60	600	M33	25	57	48
	SR28KPE6G7U2			4	1.5	10	90	600	M33	25	57	48
				2	2.5	25						
	SR28KPE6G9U2			6	2.5	25	150	600	M33	25	57	48
	SR28KPE7G7U2			7	1.5	10	70	600	M33	25	57	48
				2	2.5	25	175	600	M33	25	57	48
	SR28KPE7G3U2			3	1.5	10	130	600	M33	25	57	48
				4	2.5	25						
SR28KPE7G4U2			4	1.5	10	115	600	M33	25	57	48	
			3	2.5	25							
SR28KPE7G5U2			5	1.5	10	100	600	M33	25	57	48	
			2	2.5	25							
32	SR32KPE1G5U2			1	9	200	200	600	M36	25	59	52
	SR32KPE4G14U2		 	3 1	2.5 5.5	25 100	175	600	M36	25	59	52

SR

2RM

PK

VS

BS

ZGT / ZGH

RWN

SWITCHES

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
32	SR32KPE8G2U2			8	1.5	10	80	600	M36	25	59	52
	SR32KPE8G1U2			7 1	1.5 2.5	10 25	95	600	M36	25	59	52
	SR32KPE8G4U2			4 4	1.5 2.5	10 25	140	600	M36	25	59	52
	SR32KPE8G3U2			8	2.5	25	200	600	M36	25	59	52
	SR32KPE10G1U2			6 4	1.5 2.5	10 25	160	600	M36	25	59	52
	SR32KPE12G3U2			12	1.5	10	120	600	M36	25	59	52
	SR32KPE12G1U2			6 6	1.5 2.5	10 25	210	600	M36	25	59	52
	SR32KPE12G4U2			12	2.5	25	300	600	M36	25	59	52
	SR32KPE14G5U2			14	1.5	10	140	600	M36	25	59	52
	SSR32KPE10G4U2			10	2.5	25	250	600	M36	25	59	52
36	SR36KPE4G13U2			3 1	2.5 9	25 200	275	600	M39	29	63	55
	SR36KPE5G11U2			5	3.5	50	250	600	M39	29	63	55
	SR36KPE15G2U2			15	1.5	10	150	600	M39	29	63	55

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
36	SR36KPE15G4U2			13 2	1.5 2.5	10 25	180	600	M39	29	63	55
	SSR36KPE15G5U2			15	2.5	22.5	337.5	600	M39	29	63	55
40	SR40KPE3G9U2			3	5.5	100	300	600	M45	32	65	60
	SR40KPE14G2U2			8 6	1.5 2.5	10 25	230	600	M45	32	65	60
	SR40KPE16G3U2			16	1.5	10	160	600	M45	32	65	60
	SR40KPE16G2U2			14 2	1.5 2.5	10 25	190	600	M45	32	65	60
48	SR48KPE9G1U2			4 2 2 1	1.5 2.5 5.5 9	10 25 100 200	490	600	M52	36	67	68
	SR48KPE9G7U2			5 4	2.5 5.5	25 100	525	600	M52	36	67	68
	SR48KPE20G2U2			20	2.5	25	500	600	M52	36	67	68
	SR48KPE20G1U2			14 6	1.5 2.5	10 25	290	600	M52	36	67	68

SR

2RM

PK

VS

BS

ZGT / ZGH

RWN

SWITCHES

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
48	SR48KPE26G2U2			26	1.5	8	208	600	M52	36	67	68
	SR48KPE26G3U2			26	2.5	20	520	600	M52	36	67	68
	SSR48KPE20G2U2			20	2.5	22.5	450	600	M52	36	67	68
	SSR48KPE26G3U2			26	2.5	20	520	600	M52	36	67	68
55	SR55KPE23G1U2			16	1.5	8	448	600	M60	46	67	74
	SR55KPE31G3U2			2	2.5	20						
				3	3.5	40						
				2	5.5	80						
60	SR60KPE7G10U2			7	5.5	100	700	600	M64	50	65	80
	SR60KPE31G1U2			14	1.5	7	483	600	M64	50	65	80
				14	2.5	17.5						
				2	3.5	35						
				1	5.5	70						

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
60	SR60KPE45G2U2			25 20	1.5 2.5	7 17.5	525	600	M64	50	65	80
	SR60KPE45G1U2			35 10	1.5 2.5	7 17.5	420	600	M64	50	65	80
	SR60KPE47G2U2			40 7	1.5 2.5	7 17.5	402.5	600	M64	50	65	80

Available mating combinations

Code	Counterpart
SR XX KPE YY G ZZ U2	SR(G) XX B YY S ZZ U2
	SR(G) XX BPE YY S ZZ U2
SSR XX KPE YY G ZZ U2	SSR(G) XX B YY S ZZ U2

XX – housing size • YY – number of contacts • ZZ – pinout identifier number
Airtight SRG products available on request

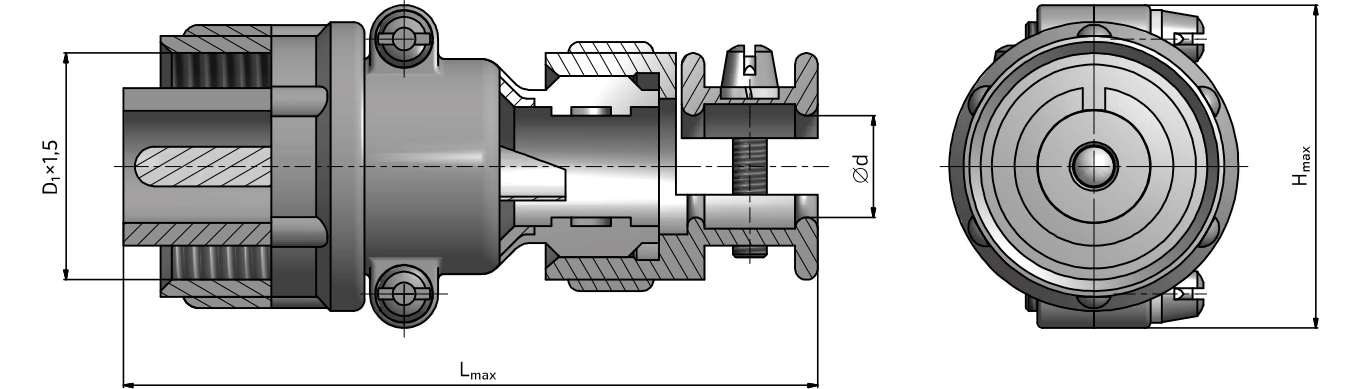
Order example

Straight Cable Mount Shielded Female Plug		SR	32	KPE	12	G	1	U2
Panel Mount Male Receptacle		SR	32	B	12	S	1	U2



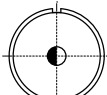

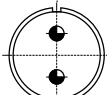

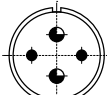

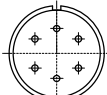

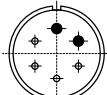

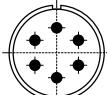

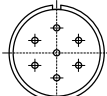

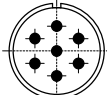

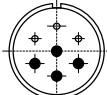

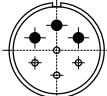

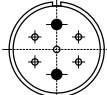

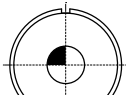

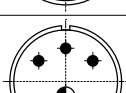

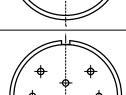

STRAIGHT CABLE MOUNT UNSHIELDED MALE PLUG

SR_KPN_S_

SSR_KPN_S_



Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	\varnothing [mm]	I_n [A]	I_n [A]	U_n [V]	D_1	d	L_{max}	H_{max}
16	SR16KPN1S3U2			1	3.5	50	50	600	M20	9	63	28.5
	SR16KPN2S5U2			2	1.5	10	20	600	M20	9	63	28.5
20	SR20KPN2S5U2			2	1.5	10	20	600	M24	14	67	36
	SR20KPN2S6U2			2	2.5	25	50	600	M24	14	67	36
	SR20KPN3S6U2			3	1.5	10	30	600	M24	14	67	36
	SR20KPN3S1U2			1	1.5	10	60	600	M24	14	67	36
				2	2.5	25	60	600				
	SR20KPN3S7U2			3	2.5	25	75	600	M24	14	67	36
	SR20KPN4S4U2			4	1.5	10	40	600	M24	14	67	36
	SR20KPN4S1U2			2	1.5	10	70	600	M24	14	67	36
				2	2.5	25	70	600				
	SR20KPN4S8U2			4	2.5	25	100	600	M24	14	67	36
	SR20KPN5S10U2			5	2.5	25	125	600	M24	14	67	36
	SR20KPN5S7U2			5	1.5	10	50	600	M24	14	67	36
	SSR20KPN2S6U2			2	2.5	25	50	600	M24	14	67	36

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
20	SSR20KPN3S7U2			3	2.5	25	75	600	M24	14	67	36
28	SR28KPN1S4U2			1	5.5	100	100	600	M33	21	71	48
	SR28KPN2S7U2			2	3.5	50	100	600	M33	21	71	48
	SR28KPN4S5U2			2 2	2.5 3.5	25 50	150	600	M33	21	71	48
	SR28KPN6S5U2			6	1.5	10	60	600	M33	21	71	48
	SR28KPN6S7U2			4 2	1.5 2.5	10 25	90	600	M33	21	71	48
	SR28KPN6S9U2			6	2.5	25	150	600	M33	21	71	48
	SR28KPN7S7U2			7	1.5	10	70	600	M33	21	71	48
	SR28KPN7S9U2			7	2.5	25	175	600	M33	21	71	48
	SR28KPN7S3U2			3 4	1.5 2.5	10 25	130	600	M33	21	71	48
	SR28KPN7S4U2			4 3	1.5 2.5	10 25	115	600	M33	21	71	48
	SR28KPN7S5U2			5 2	1.5 2.5	10 25	100	600	M33	21	71	48
32	SR32KPN1S5U2			1	9	200	200	600	M36	21	73	52
	SR32KPN4S14U2			3 1	2.5 5.5	25 100	175	600	M36	21	73	52
	SR32KPN8S2U2			8	1.5	10	80	600	M36	21	73	52

SR

2RM

PK

VS

BS

ZGT / ZGH

RWN

SWITCHES

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
32	SR32KPN8S1U2			7 1	1.5 2.5	10 25	95	600	M36	21	73	52
	SR32KPN8S4U2			4 4	1.5 2.5	10 25	140	600	M36	21	73	52
	SR32KPN8S3U2			8	2.5	25	200	600	M36	21	73	52
	SR32KPN10S1U2			6 4	1.5 2.5	10 25	160	600	M36	21	73	52
	SR32KPN12S3U2			12	1.5	10	120	600	M36	21	73	52
	SR32KPN12S1U2			6 6	1.5 2.5	10 25	210	600	M36	21	73	52
	SR32KPN12S4U2			12	2.5	25	300	600	M36	21	73	52
	SR32KPN14S5U2			14	1.5	10	140	600	M36	21	73	52
	SSR32KPN10S4U2			10	2.5	250	250	600	M36	21	73	52
36	SR36KPN4S13U2			3 1	2.5 9	25 200	275	600	M39	23	77	55
	SR36KPN5S11U2			5	3.5	50	250	600	M39	23	77	55
	SR36KPN15S2U2			15	1.5	10	150	600	M39	23	77	55

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
36	SR36KPN15S4U2			13 2	1.5 2.5	10 25	180	600	M39	23	77	55
	SSR36KPN15S5U2			15	2.5	22.5	337.5	600	M39	23	77	55
40	SR40KPN3S9U2			3	5.5	100	300	600	M45	24	79	60
	SR40KPN14S2U2			8 6	1.5 2.5	10 25	230	600	M45	24	79	60
	SR40KPN16S3U2			16	1.5	10	160	600	M45	24	79	60
	SR40KPN16S2U2			14 2	1.5 2.5	10 25	190	600	M45	24	79	60
48	SR48KPN9S1U2			4 2 2 1	1.5 2.5 5.5 9	10 25 100 200	490	600	M52	32	81	68
	SR48KPN9S7U2			5 4	2.5 5.5	25 100	525	600	M52	32	81	68
	SR48KPN20S2U2			20	2.5	25	500	600	M52	32	81	68
	SR48KPN20S1U2			14 6	1.5 2.5	10 25	290	600	M52	32	81	68

SR

2RM

PK

VS

BS

ZGT / ZGH

RWN

SWITCHES

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
48	SR48KPN26S3U2			26	2.5	20	520	600	M52	32	81	68
	SR48KPN26S2U2			26	1.5	8	208	600	M52	32	81	68
	SSR48KPN20S2U2			20	2.5	22.5	450	600	M52	32	81	68
	SSR48KPN26S3U2			26	2.5	20	520	600	M52	32	81	68
55	SR55KPN23S1U2		 	16 2 3 2	1.5 2.5 3.5 5.5	8 20 40 80	448	600	M60	40	81	74
	SR55KPN31S3U2		 	14 14 3	1.5 2.5 3.5	7 17.5 35	448	600	M60	40	81	74
60	SR60KPN7S10U2			7	5.5	100	700	600	M64	48	79	80
	SR60KPN31S1U2		 	14 14 2 1	1.5 2.5 3.5 5.5	7 17.5 35 70	483	600	M64	48	79	80

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
60	SR60KPN45S2U2			25 20	1.5 2.5	7 17.5	525	600	M64	48	79	80
	SR60KPN45S1U2			35 10	1.5 2.5	7 17.5	420	600	M64	48	79	80
	SR60KPN47S2U2			40 7	1.5 2.5	7 17.5	402.5	600	M64	48	79	80
	ZWN60KPN20S1			16 4 1	1.5 2.5 3.0	10 25 x	260	380	M64	48	79	80

Available mating combinations

Code	Counterpart
SR XX KPN YY S ZZ U2	SR XX B YY G ZZ U2
	SR XX BPN YY G ZZ U2
SSR XX KPN YY S ZZ U2	SSR XX B YY G ZZ U2
ZWN60KPN20S1	ZWN60BPN20G1

XX – housing size • YY – number of contacts • ZZ – pinout identifier number

Order example

Straight Cable Mount Unshielded Male Plug		SR	32	KPN	12	S	1	U2
Panel Mount Female Receptacle		SR	32	B	12	G	1	U2

SR

2RM

PK

VS

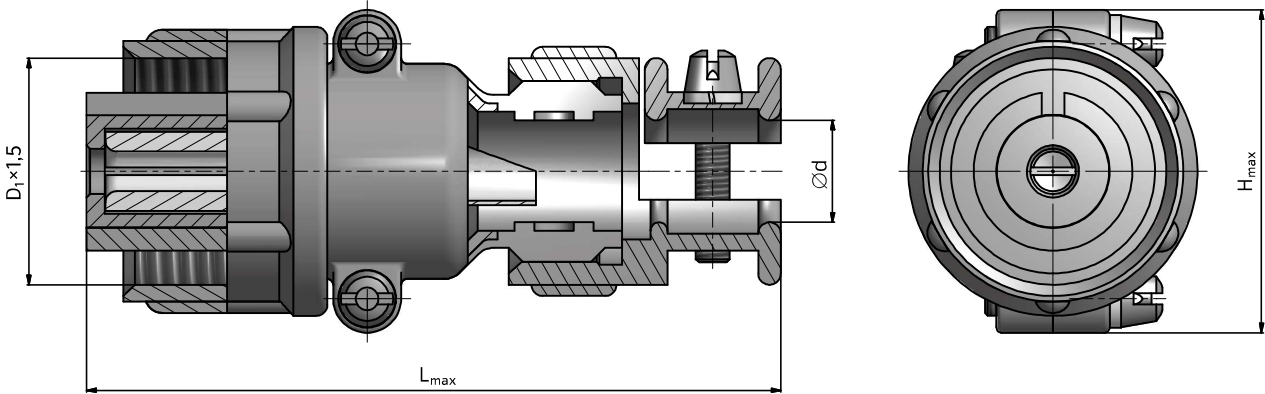
BS

ZGT / ZGH



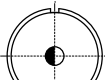

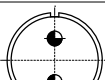

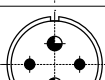


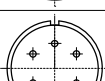

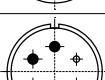


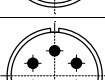

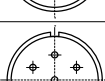

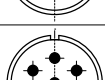

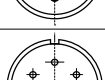


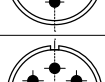


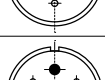


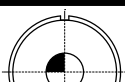

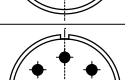


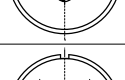

RWN

SWITCHES

SR_KPN_G_
SSR_KPN_G_



Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	Ø [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
16	SR16KPN1G3U2			1	3.5	50	50	600	M20	9	63	28.5
	SR16KPN2G5U2			2	1.5	10	20	600	M20	9	63	28.5
20	SR20KPN2G5U2			2	1.5	10	20	600	M24	14	67	36
	SR20KPN2G6U2			2	2.5	25	50	600	M24	14	67	36
	SR20KPN3G6U2			3	1.5	10	30	600	M24	14	67	36
	SR20KPN3G1U2			1	1.5	10	60	600	M24	14	67	36
	SR20KPN3G7U2			3	2.5	25	75	600	M24	14	67	36
	SR20KPN4G4U2			4	1.5	10	40	600	M24	14	67	36
	SR20KPN4G1U2			2	1.5	10	70	600	M24	14	67	36
	SR20KPN4G8U2			4	2.5	25	100	600	M24	14	67	36
	SR20KPN5G10U2			5	2.5	25	125	600	M24	14	67	36
	SR20KPN5G7U2			5	1.5	10	50	600	M24	14	67	36
	SSR20KPN2G6U2			2	2.5	25	50	600	M24	14	67	36

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
20	SSR20KPN3G7U2			3	2.5	25	75	600	M24	14	67	36
28	SR28KPN1G4U2			1	5.5	100	100	600	M33	21	71	48
	SR28KPN2G7U2			2	3.5	50	100	600	M33	21	71	48
	SR28KPN4G5U2		 	2 2	2.5 3.5	25 50	150	600	M33	21	71	48
	SR28KPN6G5U2			6	1.5	10	60	600	M33	21	71	48
	SR28KPN6G7U2		 	4 2	1.5 2.5	10 25	90	600	M33	21	71	48
	SR28KPN6G9U2			6	2.5	25	150	600	M33	21	71	48
	SR28KPN7G7U2			7	1.5	10	70	600	M33	21	71	48
	SR28KPN7G9U2			7	2.5	25	175	600	M33	21	71	48
	SR28KPN7G3U2		 	3 4	1.5 2.5	10 25	130	600	M33	21	71	48
	SR28KPN7G4U2		 	4 3	1.5 2.5	10 25	115	600	M33	21	71	48
	SR28KPN7G5U2		 	5 2	1.5 2.5	10 25	100	600	M33	21	71	48
32	SR32KPN1G5U2			1	9	200	200	600	M36	21	73	52
	SR32KPN4G14U2		 	3 1	2.5 5.5	25 100	175	600	M36	21	73	52
	SR32KPN8G2U2			8	1.5	10	80	600	M36	21	73	52

SR

2RM

PK

VS

BS

ZGT / ZGH

RWN

SWITCHES

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
32	SR32KPN8G1U2			7 1	1.5 2.5	10 25	95	600	M36	21	73	52
	SR32KPN8G4U2			4 4	1.5 2.5	10 25	140	600	M36	21	73	52
	SR32KPN8G3U2			8	2.5	25	200	600	M36	21	73	52
	SR32KPN10G1U2			6 4	1.5 2.5	10 25	160	600	M36	21	73	52
	SR32KPN12G3U2			12	1.5	10	120	600	M36	21	73	52
	SR32KPN12G1U2			6 6	1.5 2.5	10 25	210	600	M36	21	73	52
	SR32KPN12G4U2			12	2.5	25	300	600	M36	21	73	52
	SR32KPN14G5U2			14	1.5	10	140	600	M36	21	73	52
	SSR32KPN10G4U2			10	2.5	25	250	600	M36	21	73	52
36	SR36KPN4G13U2			3 1	2.5 9	25 200	275	600	M39	23	77	55
	SR36KPN5G11U2			5	3.5	50	250	600	M39	23	77	55
	SR36KPN15G2U2			15	1.5	10	150	600	M39	23	77	55

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
36	SR36KPN15G4U2			13 2	1.5 2.5	10 25	180	600	M39	23	77	55
	SSR36KPN15G5U2			15	2.5	22.5	337.5	600	M39	23	77	55
40	SR40KPN3G9U2			3	5.5	100	300	600	M45	24	79	60
	SR40KPN14G2U2			8 6	1.5 2.5	10 25	230	600	M45	24	79	60
	SR40KPN16G3U2			16	1.5	10	160	600	M45	24	79	60
	SR40KPN16G2U2			14 2	1.5 2.5	10 25	190	600	M45	24	79	60
48	SR48KPN9G1U2			4 2 2 1	1.5 2.5 5.5 9	10 25 100 200	490	600	M52	32	81	68
	SR48KPN9G7U2			5 4	2.5 5.5	25 100	525	600	M52	32	81	68
	SR48KPN20G2U2			20	2.5	25	500	600	M52	32	81	68
	SR48KPN20G1U2			14 6	1.5 2.5	10 25	290	600	M52	32	81	68

SR

2RM

PK

VS

BS

ZGT / ZGH

RWN

SWITCHES

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
48	SR48KPN26G2U2			26	1.5	8	208	600	M52	32	81	68
	SR48KPN26G3U2			26	2.5	20	520	600	M52	32	81	68
	SSR48KPN20G2U2			20	2.5	22.5	450	600	M52	32	81	68
	SSR48KPN26G3U2			26	2.5	20	520	600	M52	32	81	68
55	SR55KPN23G1U2			16 2 3 2	1.5 2.5 3.5 5.5	8 20 40 80	448	600	M60	40	81	74
	SR55KPN31G3U2			14 14 3	1.5 2.5 3.5	7 17.5 35	448	600	M60	40	81	74
60	SR60KPN7G10U2			7	5.5	100	700	600	M64	48	79	80
	SR60KPN31G1U2			14 14 2 1	1.5 2.5 3.5 5.5	7 17.5 35 70	483	600	M64	48	79	80

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
60	SR60KPN45G2U2			25 20	1.5 2.5	7 17.5	525	600	M64	48	79	80
	SR60KPN45G1U2			35 10	1.5 2.5	7 17.5	420	600	M64	48	79	80
	SR60KPN47G2U2			40 7	1.5 2.5	7 17.5	402.5	600	M64	48	79	80
	ZWN60KPN20G1			16 4 1	1.5 2.5 3.0	10 25 x	260	380	M64	48	79	80

Available mating combinations

Code	Counterpart
SR XX KPN YY G ZZ U2	SR(G) XX B YY S ZZ U2
	SR(G) XX BPN YY S ZZ U2
SSR XX KPN YY G ZZ U2	SSR(G) XX B YY S ZZ U2

XX - housing size • YY - number of contacts • ZZ - pinout identifier number
Airtight SRG products available on request

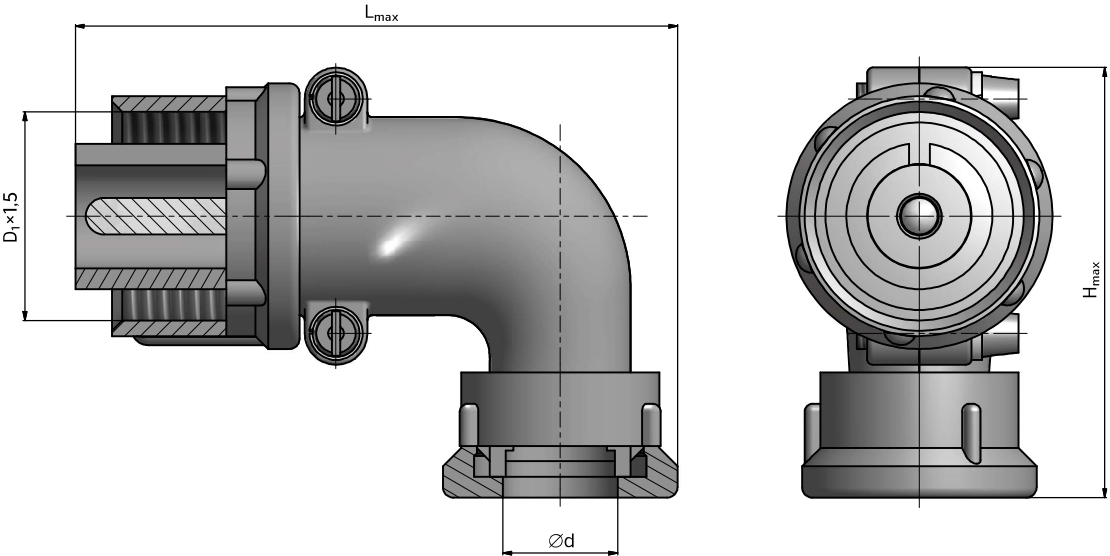
Order example

Straight Cable Mount Unshielded Female Plug		SR	32	KPN	12	G	1	U2
Panel Mount Male Receptacle		SR	32	B	12	S	1	U2

ANGLED CABLE MOUNT SHIELDED MALE PLUG

SR_KUE_S

SSR_KUE_S



Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
16	SR16KUE1S3U2			1	3.5	50	50	600	M20	11	59	42.5
	SR16KUE2S5U2			2	1.5	10	20	600	M20	11	59	42.5
20	SR20KUE2S5U2			2	1.5	10	20	600	M24	18	67	51
	SR20KUE2S6U2			2	2.5	25	50	600	M24	18	67	51
	SR20KUE3S6U2			3	1.5	10	30	600	M24	18	67	51
	SR20KUE3S1U2			1 2	1.5 2.5	10 25	60	600	M24	18	67	51
	SR20KUE3S7U2			3	2.5	25	75	600	M24	18	67	51
	SR20KUE4S4U2			4	1.5	10	40	600	M24	18	67	51
	SR20KUE4S1U2			2 2	1.5 2.5	10 25	70	600	M24	18	67	51
	SR20KUE4S8U2			4	2.5	25	100	600	M24	18	67	51
	SR20KUE5S10U2			5	2.5	25	125	600	M24	18	67	51

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
20	SR20KUE5S7U2			5	1.5	10	50	600	M24	18	67	51
	SSR20KUE2S6U2			2	2.5	25	50	600	M24	18	67	51
	SSR20KUE3S7U2			3	2.5	25	75	600	M24	18	67	51
28	SR28KUE1S4U2			1	5.5	100	100	600	M33	25	75	63
	SR28KUE2S7U2			2	3.5	50	100	600	M33	25	75	63
	SR28KUE4S5U2			2	2.5	25	150	600	M33	25	75	63
				2	3.5	50						
	SR28KUE6S5U2			6	1.5	10	60	600	M33	25	75	63
	SR28KUE6S7U2			4	1.5	10	90	600	M33	25	75	63
				2	2.5	25						
	SR28KUE6S9U2			6	2.5	25	150	600	M33	25	75	63
	SR28KUE7S7U2			7	1.5	10	70	600	M33	25	75	63
	SR28KUE7S9U2			7	2.5	25	175	600	M33	25	75	63
	SR28KUE7S3U2			3	1.5	10	130	600	M33	25	75	63
				4	2.5	25						
SR28KUE7S4U2			4	1.5	10	115	600	M33	25	75	63	
	3	2.5	25									
SR28KUE7S5U2			5	1.5	10	100	600	M33	25	75	63	
	2	2.5	25									
32	SR32KUE1S5U2			1	9	200	200	600	M36	25	75	67

SR

2RM

PK

VS

BS

ZGT / ZGH

RWN

SWITCHES

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
32	SR32KUE4S14U2			3 1	2.5 5.5	25 100	175	600	M36	25	75	67
	SR32KUE8S2U2			8	1.5	10	80	600	M36	25	75	67
	SR32KUE8S1U2			7 1	1.5 2.5	10 25	95	600	M36	25	75	67
	SR32KUE8S4U2			4 4	1.5 2.5	10 25	140	600	M36	25	75	67
	SR32KUE8S3U2			8	2.5	25	200	600	M36	25	75	67
	SR32KUE10S1U2			6 4	1.5 2.5	10 25	160	600	M36	25	75	67
	SR32KUE12S3U2			12	1.5	10	120	600	M36	25	75	67
	SR32KUE12S1U2			6 6	1.5 2.5	10 25	210	600	M36	25	75	67
	SR32KUE12S4U2			12	2.5	25	300	600	M36	25	75	67
	SR32KUE14S5U2			14	1.5	10	140	600	M36	25	75	67
	SSR32KUE10S4U2			10	2.5	25	250	600	M36	25	75	67
36	SR36KUE4S13U2			3 1	2.5 9	25 200	275	600	M39	29	78	68.5
	SR36KUE5S11U2			5	3.5	50	250	600	M39	29	78	68.5

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
36	SR36KUE15S2U2			15	1.5	10	150	600	M39	29	78	68.5
	SR36KUE15S4U2			13 2	1.5 2.5	10 25	180	600	M39	29	78	68.5
	SSR36KUE15S5U2			15	2.5	22.5	337.5	600	M39	29	78	68.5
40	SR40KUE3S9U2			3	5.5	100	300	600	M45	32	82.5	73
	SR40KUE14S2U2			8 6	1.5 2.5	10 25	230	600	M45	32	82.5	73
	SR40KUE16S3U2			16	1.5	10	160	600	M45	32	82.5	73
	SR40KUE16S2U2			14 2	1.5 2.5	10 25	190	600	M45	32	82.5	73
48	SR48KUE9S1U2			4 2 2 1	1.5 2.5 5.5 9	10 25 100 200	490	600	M52	36	92.5	82
	SR48KUE9S7U2			5 4	2.5 5.5	25 100	525	600	M52	36	92.5	82
	SR48KUE20S2U2			20	2.5	25	500	600	M52	36	92.5	82

SR

2RM

PK

VS

BS

ZGT / ZGH

RWN

SWITCHES

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
48	SR48KUE20S1U2			14 6	1.5 2.5	10 25	290	600	M52	36	92.5	82
	SR48KUE26S2U2			26	1.5	8	208	600	M52	36	92.5	82
	SR48KUE26S3U2			26	2.5	20	520	600	M52	36	92.5	82
	SSR48KUE20S2U2			20	2.5	22.5	450	600	M52	36	92.5	82
	SSR48KUE26S3U2			26	2.5	20	520	600	M52	36	92.5	82
60	SR60KUE7S10U2			7	5.5	100	700	600	M64	50	107	95
	SR60KUE31S1U2			14	1.5	7	483	600	M64	50	107	95
				14	2.5	17.5						
				2	3.5	35						
	SR60KUE45S2U2			25	1.5	7	525	600	M64	50	107	95
				20	2.5	17.5						

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
60	SR60KUE45S1U2			35 10	1.5 2.5	7 17.5	420	600	M64	50	107	95
	SR60KUE47S2U2			40 7	1.5 2.5	7 17.5	402.5	600	M64	50	107	95

Available mating combinations

Code	Counterpart
SR XX KUE YY S ZZ U2	SR XX B YY G ZZ U2
	SR XX BPE YY G ZZ U2
SSR XX KUE YY S ZZ U2	SSR XX B YY G ZZ U2

XX - housing size • YY - number of contacts • ZZ - pinout identifier number

Order example

Angled Cable Mount Shielded Male Plug		SR	32	KUE	12	S	1	U2
Panel Mount Female Receptacle		SR	32	B	12	G	1	U2

SR

2RM

PK

VS

BS

ZGT / ZGH

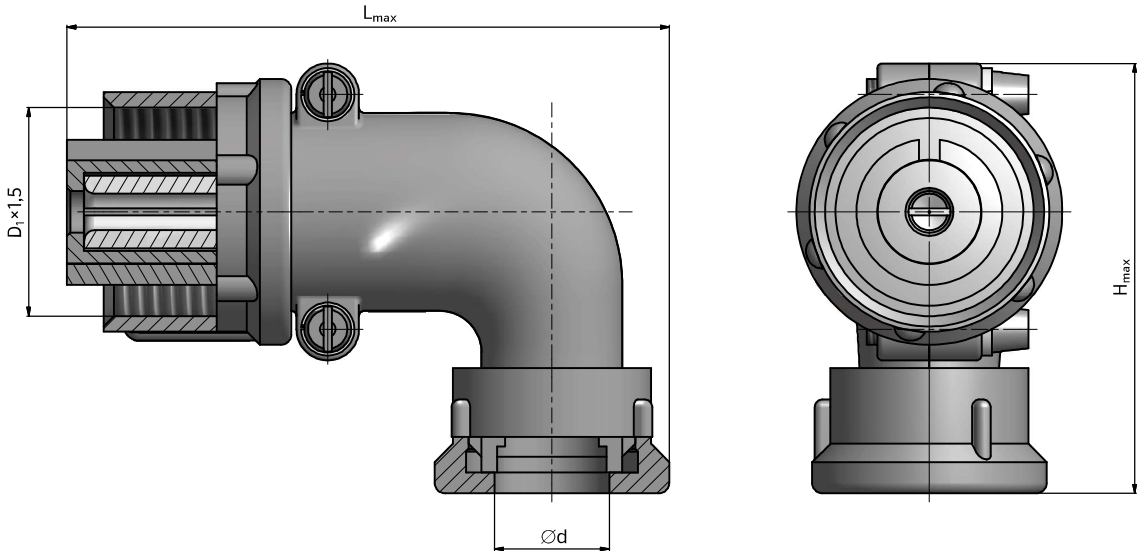
RWN

SWITCHES































ANGLED CABLE MOUNT SHIELDED FEMALE PLUG

SR_KUE_G_

SSR_KUE_G_



Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
16	SR16KUE1G3U2			1	3.5	50	50	600	M20	11	59	42.5
	SR16KUE2G5U2			2	1.5	10	20	600	M20	11	59	42.5
20	SR20KUE2G5U2			2	1.5	10	20	600	M24	18	67	51
	SR20KUE2G6U2			2	2.5	25	50	600	M24	18	67	51
	SR20KUE3G6U2			3	1.5	10	30	600	M24	18	67	51
	SR20KUE3G1U2			1	1.5	10	60	600	M24	18	67	51
	SR20KUE3G7U2			2	2.5	25	75	600	M24	18	67	51
	SR20KUE4G4U2			4	1.5	10	40	600	M24	18	67	51
	SR20KUE4G1U2			2	1.5	10	70	600	M24	18	67	51
	SR20KUE4G8U2			2	2.5	25	100	600	M24	18	67	51
	SR20KUE5G10U2			5	2.5	25	125	600	M24	18	67	51

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
20	SR20KUE5G7U2			5	1.5	10	50	600	M24	18	67	51
	SSR20KUE2G6U2			2	2.5	25	50	600	M24	18	67	51
	SSR20KUE3G7U2			3	2.5	25	75	600	M24	18	67	51
28	SR28KUE1G4U2			1	5.5	100	100	600	M33	25	75	63
	SR28KUE2G7U2			2	3.5	50	100	600	M33	25	75	63
	SR28KUE4G5U2			2 2	2.5 3.5	25 50	150	600	M33	25	75	63
	SR28KUE6G5U2			6	1.5	10	60	600	M33	25	75	63
	SR28KUE6G7U2			4 2	1.5 2.5	10 25	90	600	M33	25	75	63
	SR28KUE6G9U2			6	2.5	25	150	600	M33	25	75	63
	SR28KUE7G7U2			7	1.5	10	70	600	M33	25	75	63
	SR28KUE7G9U2			7	2.5	25	175	600	M33	25	75	63
	SR28KUE7G3U2			3 4	1.5 2.5	10 25	130	600	M33	25	75	63
	SR28KUE7G4U2			4 3	1.5 2.5	10 25	115	600	M33	25	75	63
	SR28KUE7G5U2			5 2	1.5 2.5	10 25	100	600	M33	25	75	63
32	SR32KUE1G5U2			1	9	200	200	600	M36	25	75	67

SR

2RM

PK

VS

BS

ZGT / ZGH

RWN

SWITCHES

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
32	SR32KUE4G14U2			3 1	2.5 5.5	25 100	175	600	M36	25	75	67
	SR32KUE8G2U2			8	1.5	10	80	600	M36	25	75	67
	SR32KUE8G1U2			7 1	1.5 2.5	10 25	95	600	M36	25	75	67
	SR32KUE8G4U2			4 4	1.5 2.5	10 25	140	600	M36	25	75	67
	SR32KUE8G3U2			8	2.5	25	200	600	M36	25	75	67
	SR32KUE10G1U2			6 4	1.5 2.5	10 25	160	600	M36	25	75	67
	SR32KUE12G3U2			12	1.5	10	120	600	M36	25	75	67
	SR32KUE12G1U2			6 6	1.5 2.5	10 25	210	600	M36	25	75	67
	SR32KUE12G4U2			12	2.5	25	300	600	M36	25	75	67
	SR32KUE14G5U2			14	1.5	10	140	600	M36	25	75	67
	SSR32KUE10G4U2			10	2.5	25	250	600	M36	25	75	67
36	SR36KUE4G13U2			3 1	2.5 9	25 200	275	250	M39	29	78	68.5
	SR36KUE5G11U2			5	3.5	50	250	250	M39	29	78	68.5

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
36	SR36KUE15G2U2			15	1.5	10	150	250	M39	29	78	68.5
	SR36KUE15G4U2			13 2	1.5 2.5	10 25	180	250	M39	29	78	68.5
	SSR36KUE15G5U2			15	2.5	22.5	337.5	250	M39	29	78	68.5
40	SR40KUE3G9U2			3	5.5	100	300	600	M45	32	82.5	73
	SR40KUE14G2U2			8 6	1.5 2.5	10 25	230	600	M45	32	82.5	73
	SR40KUE16G3U2			16	1.5	10	160	600	M45	32	82.5	73
	SR40KUE16G2U2			14 2	1.5 2.5	10 25	190	600	M45	32	82.5	73
48	SR48KUE9G1U2			4 2 2 1	1.5 2.5 5.5 9	10 25 100 200	490	600	M52	36	92.5	82
	SR48KUE9G7U2			5 4	2.5 5.5	25 100	525	600	M52	36	92.5	82
	SR48KUE20G2U2			20	2.5	25	500	600	M52	36	92.5	82

SR

2RM

PK

VS

BS

ZGT / ZGH

RWN

SWITCHES

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
48	SR48KUE20G1U2			14 6	1.5 2.5	10 25	290	600	M52	36	92.5	82
	SR48KUE26G2U2			26	1.5	8	208	600	M52	36	92.5	82
	SR48KUE26G3U2			26	2.5	20	520	600	M52	36	92.5	82
	SSR48KUE20G2U2			20	2.5	22.5	450	600	M52	36	92.5	82
	SSR48KUE26G3U2			26	2.5	20	520	600	M52	36	92.5	82
60	SR60KUE7G10U2			7	5.5	100	700	600	M64	50	107	95
	SR60KUE31G1U2			14	1.5	7	483	600	M64	50	107	95
				14	2.5	17.5						
				2	3.5	35						
				1	5.5	70						
	SR60KUE45G2U2			25 20	1.5 2.5	7 17.5	525	600	M64	50	107	95

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
60	SR60KUE45G1U2			35 10	1.5 2.5	7 17.5	420	600	M64	50	107	95
	SR60KUE47G2U2			40 7	1.5 2.5	7 17.5	402.5	600	M64	50	107	95

Available mating combinations

Code	Counterpart
SR XX KUE YY G ZZ U2	SR(G) XX B YY S ZZ U2
	SR(G) XX BPE YY S ZZ U2
SSR XX KUE YY G ZZ U2	SSR(G) XX B YY S ZZ U2

XX - housing size • YY - number of contacts • ZZ - pinout identifier number
Airtight SRG products available on request

Order example

Angled Cable Mount Shielded Female Plug		SR	32	KUE	12	G	1	U2
Panel Mount Male Receptacle		SR	32	B	12	S	1	U2

SR

2RM

PK

VS

BS

ZGT / ZGH

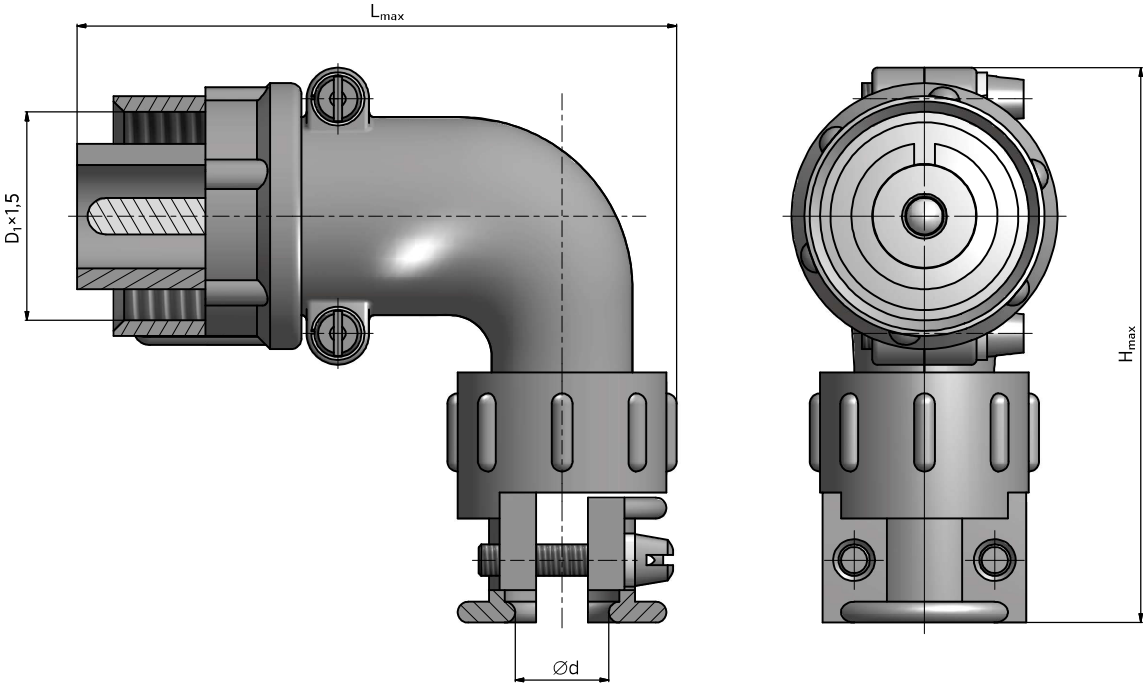
RWN

SWITCHES

ANGLED CABLE MOUNT UNSHIELDED MALE PLUG

SR_KUN_S_

SSR_KUN_S_



Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	Ø [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
16	SR16KUN1S3U2			1	3.5	50	50	600	M20	9	59	54.5
	SR16KUN2S5U2			2	1.5	10	20	600	M20	9	59	54.5
20	SR20KUN2S5U2			2	1.5	10	20	600	M24	14	67	63
	SR20KUN2S6U2			2	2.5	25	50	600	M24	14	67	63
	SR20KUN3S6U2			3	1.5	10	30	600	M24	14	67	63
	SR20KUN3S1U2			1	1.5	10	60	600	M24	14	67	63
				2	2.5	25						
	SR20KUN3S7U2			3	2.5	25	75	600	M24	14	67	63
	SR20KUN4S4U2			4	1.5	10	40	600	M24	14	67	63
	SR20KUN4S1U2			2	1.5	10	70	600	M24	14	67	63
				2	2.5	25						
	SR20KUN4S8U2			4	2.5	25	100	600	M24	14	67	63

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
20	SR20KUN5S10U2			5	2.5	25	125	600	M24	14	67	63
	SR20KUN5S7U2			5	1.5	10	50	600	M24	14	67	63
	SSR20KUN2S6U2			2	2.5	25	50	600	M24	14	67	63
	SSR20KUN3S7U2			3	2.5	25	75	600	M24	14	67	63
28	SR28KUN1S4U2			1	5.5	100	100	600	M33	21	75	77
	SR28KUN2S7U2			2	3.5	50	100	600	M33	21	75	77
	SR28KUN4S5U2			2	2.5	25	150	600	M33	21	75	77
				2	3.5	50						
	SR28KUN6S5U2			6	1.5	10	60	600	M33	21	75	77
	SR28KUN6S7U2			4	1.5	10	90	600	M33	21	75	77
				2	2.5	25						
	SR28KUN6S9U2			6	2.5	25	150	600	M33	21	75	77
	SR28KUN7S7U2			7	1.5	10	70	600	M33	21	75	77
	SR28KUN7S9U2			7	2.5	25	175	600	M33	21	75	77
				3	1.5	10	130	600	M33	21	75	77
SR28KUN7S3U2			4	2.5	25							
SR28KUN7S4U2			4	1.5	10	115	600	M33	21	75	77	
			3	2.5	25							
SR28KUN7S5U2			5	1.5	10	100	600	M33	21	75	77	
32	SR32KUN1S5U2			1	9	200	200	600	M36	21	75	81

SR

2RM

PK

VS

BS

ZGT / ZGH

RWN

SWITCHES

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
32	SR32KUN4S14U2			3 1	2.5 5.5	25 100	175	600	M36	21	75	81
	SR32KUN8S2U2			8	1.5	10	80	600	M36	21	75	81
	SR32KUN8S1U2			7 1	1.5 2.5	10 25	95	600	M36	21	75	81
	SR32KUN8S4U2			4 4	1.5 2.5	10 25	140	600	M36	21	75	81
	SR32KUN8S3U2			8	2.5	25	200	600	M36	21	75	81
	SR32KUN10S1U2			6 4	1.5 2.5	10 25	160	600	M36	21	75	81
	SR32KUN12S3U2			12	1.5	10	120	600	M36	21	75	81
	SR32KUN12S1U2			6 6	1.5 2.5	10 25	210	600	M36	21	75	81
	SR32KUN12S4U2			12	2.5	25	300	600	M36	21	75	81
	SR32KUN14S5U2			14	1.5	10	140	600	M36	21	75	81
	SSR32KUN10S4U2			10	2.5	25	250	600	M36	21	75	81
36	SR36KUN4S13U2			3 1	2.5 9	25 200	275	600	M39	23	78	83
	SR36KUN5S11U2			5	3.5	50	250	600	M39	23	78	83

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
36	SR36KUN15S2U2			15	1.5	10	150	600	M39	23	78	83
	SR36KUN15S4U2			13 2	1.5 2.5	10 25	180	600	M39	23	78	83
	SSR36KUN15S5U2			15	2.5	22.5	337.5	600	M39	23	78	83
40	SR40KUN3S9U2			3	5.5	100	300	600	M45	24	83	87
	SR40KUN14S2U2			8 6	1.5 2.5	10 25	230	600	M45	24	83	87
	SR40KUN16S3U2			16	1.5	10	160	600	M45	24	83	87
	SR40KUN16S2U2			14 2	1.5 2.5	10 25	190	600	M45	24	83	87
48	SR48KUN9S1U2			4 2 2 1	1.5 2.5 5.5 9	10 25 100 200	490	600	M52	32	94	96
	SR48KUN9S7U2			5 4	2.5 5.5	25 100	525	600	M52	32	94	96
	SR48KUN20S2U2			20	2.5	25	500	600	M52	32	94	96

SR

2RM

PK

VS

BS

ZGT / ZGH

RWN

SWITCHES

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	\varnothing [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
48	SR48KUN20S1U2			14 6	1.5 2.5	10 25	290	600	M52	32	94	96
	SR48KUN26S2U2			26	1.5	8	208	600	M52	32	94	96
	SR48KUN26S3U2			26	2.5	20	520	600	M52	32	94	96
	SSR48KUN20S2U2			20	2.5	22.5	450	600	M52	32	94	96
	SSR48KUN26S3U2			26	2.5	20	520	600	M52	32	94	96
60	SR60KUN7S10U2			7	5.5	100	700	600	M64	48	107	109
	SR60KUN31S1U2			14 14 2 1	1.5 2.5 3.5 5.5	7 17.5 35 70	483	600	M64	48	107	109
	SR60KUN45S2U2			25 20	1.5 2.5	7 17.5	525	600	M64	48	107	109

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
60	SR60KUN45S1U2			35 10	1.5 2.5	7 17.5	420	600	M64	48	107	109
	SR60KUN47S2U2			40 7	1.5 2.5	7 17.5	402.5	600	M64	48	107	109

Available mating combinations

Code	Counterpart
SR XX KUN YY S ZZ U2	SR XX B YY G ZZ U2
	SR XX BPN YY G ZZ U2
SSR XX KUN YY S ZZ U2	SSR XX B YY G ZZ U2

XX - housing size • YY - number of contacts • ZZ - pinout identifier number

Order example

Angled Cable Mount Unshielded Male Plug		SR	32	KUN	12	S	1	U2
Panel Mount Female Receptacle		SR	32	B	12	G	1	U2

SR

2RM

PK

VS

BS

ZGT / ZGH

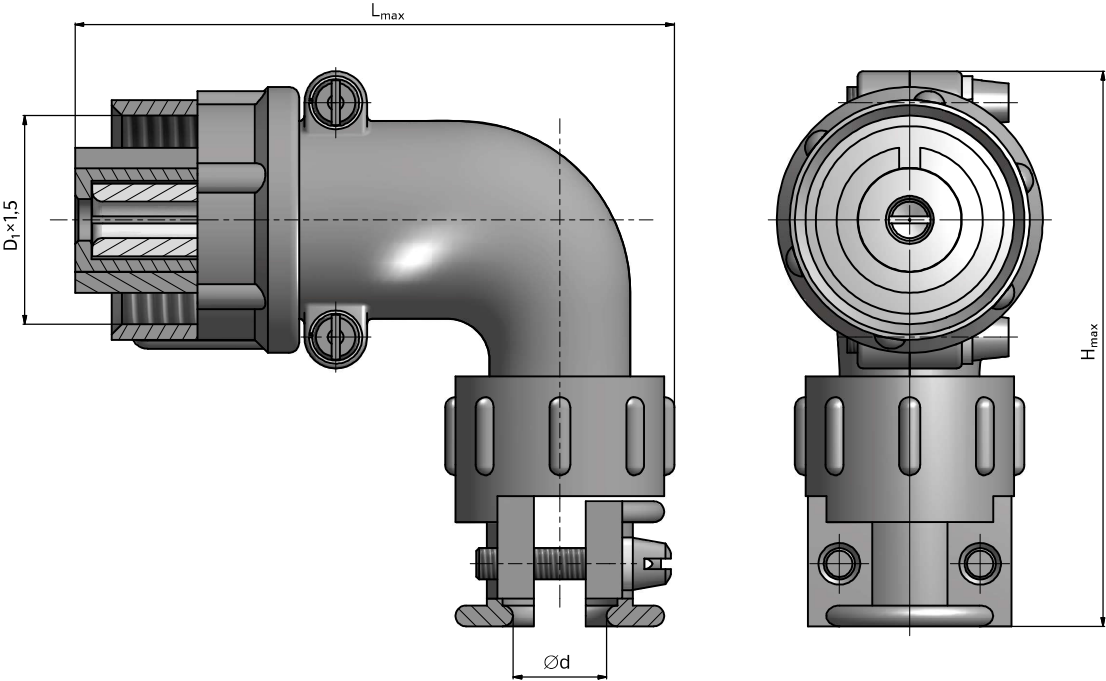
RWN

SWITCHES

ANGLED CABLE MOUNT UNSHIELDED FEMALE PLUG

SR_KUN_G_

SSR_KUN_G_



Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	Ø [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
16	SR16KUN1G3U2			1	3.5	50	50	600	M20	9	59	54.5
	SR16KUN2G5U2			2	1.5	10	20	600	M20	9	59	54.5
20	SR20KUN2G5U2			2	1.5	10	20	600	M24	14	67	63
	SR20KUN2G6U2			2	2.5	25	50	600	M24	14	67	63
	SR20KUN3G6U2			3	1.5	10	30	600	M24	14	67	63
	SR20KUN3G1U2			1 2	1.5 2.5	10 25	60	600	M24	14	67	63
	SR20KUN3G7U2			3	2.5	25	75	600	M24	14	67	63
	SR20KUN4G4U2			4	1.5	10	40	600	M24	14	67	63
	SR20KUN4G1U2			2 2	1.5 2.5	10 25	70	600	M24	14	67	63
	SR20KUN4G8U2			4	2.5	25	100	600	M24	14	67	63

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
20	SR20KUN5G10U2			5	2.5	25	125	600	M24	14	67	63
	SR20KUN5G7U2			5	1.5	10	50	600	M24	14	67	63
	SSR20KUN2G6U2			2	2.5	25	50	600	M24	14	67	63
	SSR20KUN3G7U2			3	2.5	25	75	600	M24	14	67	63
28	SR28KUN1G4U2			1	5.5	100	100	600	M33	21	75	77
	SR28KUN2G7U2			2	3.5	50	100	600	M33	21	75	77
	SR28KUN4G5U2			2 2	2.5 3.5	25 50	150	600	M33	21	75	77
	SR28KUN6G5U2			6	1.5	10	60	600	M33	21	75	77
	SR28KUN6G7U2			4 2	1.5 2.5	10 25	90	600	M33	21	75	77
	SR28KUN6G9U2			6	2.5	25	150	600	M33	21	75	77
	SR28KUN7G7U2			7	1.5	10	70	600	M33	21	75	77
	SR28KUN7G9U2			7	2.5	25	175	600	M33	21	75	77
	SR28KUN7G3U2			3 4	1.5 2.5	10 25	130	600	M33	21	75	77
	SR28KUN7G4U2			4 3	1.5 2.5	10 25	115	600	M33	21	75	77
	SR28KUN7G5U2			5 2	1.5 2.5	10 25	100	600	M33	21	75	77
32	SR32KUN1G5U2			1	9	200	200	600	M36	21	75	81

SR

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Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
32	SR32KUN4G14U2			3 1	2.5 5.5	25 100	175	600	M36	21	75	81
	SR32KUN8G2U2			8	1.5	10	80	600	M36	21	75	81
	SR32KUN8G1U2			7 1	1.5 2.5	10 25	95	600	M36	21	75	81
	SR32KUN8G4U2			4 4	1.5 2.5	10 25	140	600	M36	21	75	81
	SR32KUN8G3U2			8	2.5	25	200	600	M36	21	75	81
	SR32KUN10G1U2			6 4	1.5 2.5	10 25	160	600	M36	21	75	81
	SR32KUN12G3U2			12	1.5	10	120	600	M36	21	75	81
	SR32KUN12G1U2			6 6	1.5 2.5	10 25	210	600	M36	21	75	81
	SR32KUN12G4U2			12	2.5	25	300	600	M36	21	75	81
	SR32KUN14G5U2			14	1.5	10	140	600	M36	21	75	81
	SSR32KUN10G4U2			10	2.5	25	250	600	M36	21	75	81
36	SR36KUN4G13U2			3 1	2.5 9	25 200	275	600	M39	23	78	83
	SR36KUN5G11U2			5	3.5	50	250	600	M39	23	78	83

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
36	SR36KUN15G2U2			15	1.5	10	150	600	M39	23	78	83
	SR36KUN15G4U2			13 2	1.5 2.5	10 25	180	600	M39	23	78	83
	SSR36KUN15G5U2			15	2.5	22.5	337.5	600	M39	23	78	83
40	SR40KUN3G9U2			3	5.5	100	300	600	M45	24	83	87
	SR40KUN14G2U2			8 6	1.5 2.5	10 25	230	600	M45	24	83	87
	SR40KUN16G3U2			16	1.5	10	160	600	M45	24	83	87
	SR40KUN16G2U2			14 2	1.5 2.5	10 25	190	600	M45	24	83	87
48	SR48KUN9G1U2			4 2 2 1	1.5 2.5 5.5 9	10 25 100 200	490	600	M52	32	94	96
	SR48KUN9G7U2			5 4	2.5 5.5	25 100	525	600	M52	32	94	96
	SR48KUN20G2U2			20	2.5	25	500	600	M52	32	94	96

SR

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SWITCHES

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	\varnothing [mm]	I_n [A]	I_n [A]	U_n [V]	D_1	d	L_{max}	H_{max}
48	SR48KUN20G1U2			14 6	1.5 2.5	10 25	290	600	M52	32	94	96
	SR48KUN26G2U2			26	1.5	8	208	600	M52	32	94	96
	SR48KUN26G3U2			26	2.5	20	520	600	M52	32	94	96
	SSR48KUN20G2U2			20	2.5	22.5	450	600	M52	32	94	96
	SSR48KUN26G3U2			26	2.5	20	520	600	M52	32	94	96
60	SR60KUN7G10U2			7	5.5	100	700	600	M64	48	107	109
	SR60KUN31G1U2			14 14 2 1	1.5 2.5 3.5 5.5	7 17.5 35 70	483	600	M64	48	107	109
	SR60KUN45G2U2			25 20	1.5 2.5	7 17.5	525	600	M64	48	107	109

Size	Code	Diagram	Contact				Connector		Dimensions [mm]			
			id.	n	∅ [mm]	I _n [A]	I _n [A]	U _n [V]	D ₁	d	L _{max}	H _{max}
60	SR60KUN45G1U2			35 10	1.5 2.5	7 17.5	420	600	M64	48	107	109
	SR60KUN47G2U2			40 7	1.5 2.5	7 17.5	402.5	600	M64	48	107	109

Available mating combinations

Code	Counterpart
SR XX KUN YY G ZZ U2	SR(G) XX B YY S ZZ U2
	SR(G) XX BPN YY S ZZ U2
SSR XX KUN YY G ZZ U2	SSR(G) XX B YY S ZZ U2

XX - housing size • YY - number of contacts • ZZ - pinout identifier number
Airtight SRG products available on request

Order example

Angled Cable Mount Unshielded Female Plug		SR	32	KUN	12	G	1	U2
Panel Mount Male Receptacle		SR	32	B	12	S	1	U2

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