



Power Connectors

Industrial Connectivity Solutions







M12 Power Series G/GO Series CA Series 7/8" Series ST Series M23 Series Mini Power Series









Be certain. Belden.



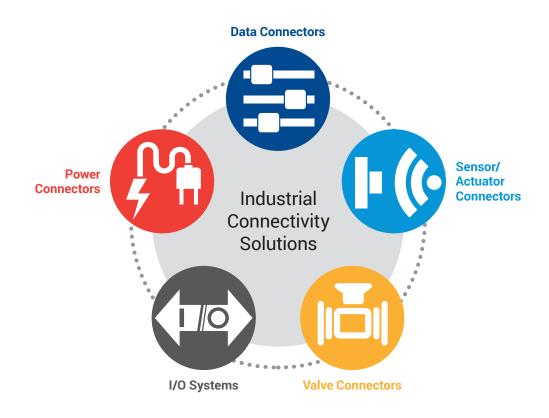


Industrial Connectivity Solutions from Belden

Founded in 1902, Belden's long-term proven solutions are in reliable operation worldwide. Our two leading brands – Hirschmann and Lumberg Automation – combine proven experience with innovation. And a focus on customer needs has made us the global leader in high-quality, end-to-end signal transmissions.

Developed with ease of use in mind, our industrial connectivity solutions are especially designed to stand up to surroundings characterized by dust, water and heavy vibrations.

Whether you want to transfer power, data, signals or all combined in the form of an intelligent I/O system, our diversified product range offers you the right solution for every application.





Power Connectors

When it comes to electrical machinery, a reliable and consistent power supply is indispensable. The choice of an appropriate power connector depends on the nature of the application as well as on your specific requirements. Ranging from design diversity to specific standards and high-voltage versions, the Belden Power portfolio offers a broad, practical selection to fulfill your individual application objectives.

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Two Strong Brands for Your Needs







M12

Power

Series

G/GO

Series

M23

Series

Mini

Power

Series

Typical Applications

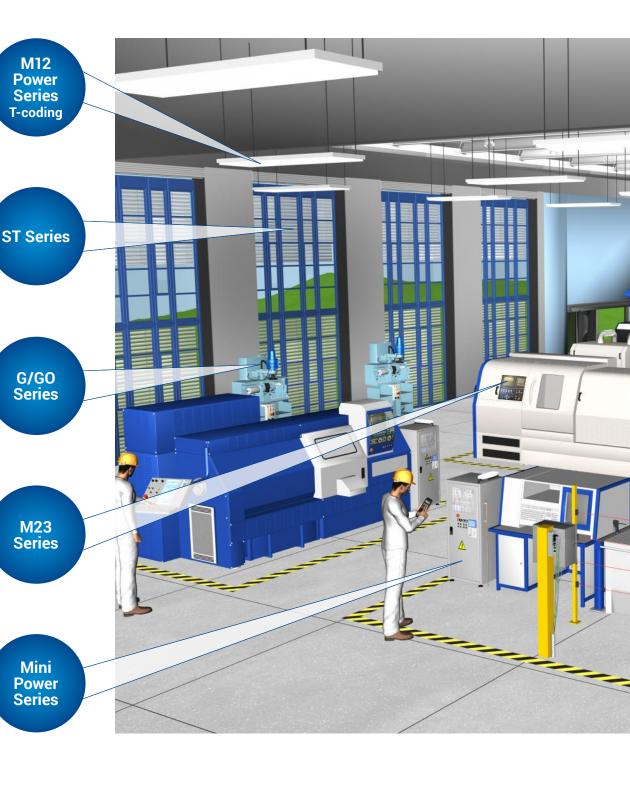
Miniaturized power connector for lighting applications like floodlights or hall lighting

Long-term proven and developed for Building Automatization such as sun blinds and roller shutters

Well-equipped for the power supply in extraordinary harsh and dusty applications, such as industrial drilling machines

The perfect choice to interconnect machines and controls like HMIs (Human Machine Interfaces)

Power distribution within shop floor surroundings such as control cabinets and machines



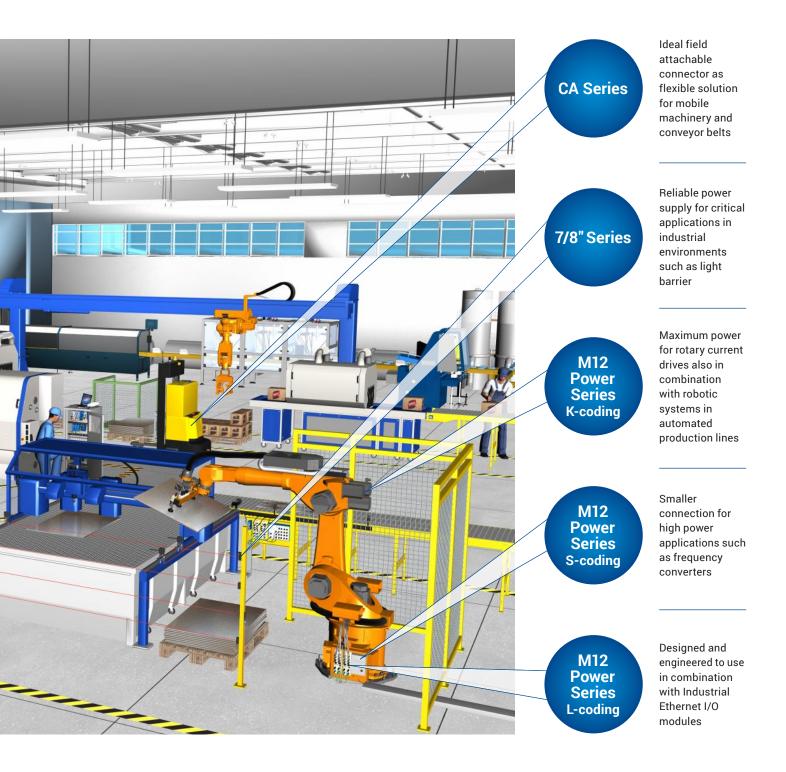














Product Overview

			R		
Products		M12 Power	G/GO	CA	7/8"
	Pin Assignment	S = 3 + PE / T = 4 K = 4 + PE / L = 4 + FE	2/2+PE/3+PE/4 5+PE/6/6+PE/7	3 + PE / 6 + PE	2 / 2 + PE 4 / 4 + PE
General Data	Max. Operating Voltage	600 V AC/DC	230 V AC/DC	400 V AC/230 V DC	230 V AC/DC 600 V AC/DC*
	Max. Current	16 A	10 A	16 A AC/10 A DC	12 A
	IP-Rating	IP65, IP67, IP69	IP65	IP65, IP67	IP67, IP68 (2h at 10 bar)
					ı
	VDE		0		
Approvals	UL				<u> </u>
	CSA				*
	Molded				
Assembly Design	Field Attachable				
Assembly besign	Receptacle				
	Песеріасіе			Ц	
	Ruggedized			0	
	Mobile Equipment				
	Outdoor				
Key Environments	Extreme Climate	0			
	Underwater				0
	Household Appliance				
	Automotive				
	Machine Building		0	0	
	Transportation				
Key Markets	Automation				0
	Infrastructure				
	Building Automation				
	Material Handling				

^{*} US version only











Products		ST	M23	Mini Power
	Pin Assignment	2 + PE / 3 + PE 4 + PE / 5 + PE	12 / 11 + PE 19 / 18 + PE	2 + PE / 3 + PE
General Data	Max. Operating Voltage	400 V AC/230 V DC	120 V AC/DC	600 V AC/DC
	Max. Current	16 A AC/10 A DC	8 A	30 A
	IP-Rating	IP54	IP65, IP67	IP67, IP68
	VDE	0		
Approvals	UL	0		
CSA	CSA			
Assembly Decim	Molded	0		
Assembly Design	Field Attachable	0	0	
	Receptacle			
	Ruggedized			
	Mobile Equipment			
	Outdoor		_	
Key Environments	Extreme Climate	_		
	Underwater			
	Household Appliance			
	Automotive			
	Machine Building	0		
	Transportation			
Key Markets	Automation		0	0
	Infrastructure			
	Building Automation	0		
	Material Handling			



Cable Overview

Control Cable	Conductor Size	Cable Material	Jacket Color	Temperature Range Stationary	Cable Shielding	Cable Characteristics
001	3G0.75 mm ²	PVC	Orange	-40 °C to +90 °C	No	
002	4X0.5 mm ²	PVC	Orange	-40 °C to +90 °C	No	•
003	2X0.75 mm ²	PVC	Orange	-40 °C to +90 °C	No	
004	5G0.5 mm²	PVC	Orange	-40 °C to +90 °C	No	
242	16G0.5 mm²/3X1.0 mm²	PUR	Black	-50 °C to +80 °C	No	C UL
256	8G0.5 mm²/3X1.0 mm²	PUR	Black	-50 °C to +80 °C	No	C UL
637	4X18 AWG	TPE	Yellow	-40 °C to +90 °C	No	
678	16 AWG	PVC	Black, White	-40 °C to +105 °C	No	U
700	4G1.5 mm²	PUR	Black	-40 °C to +125 °C	Yes	#» > C
703	4G1.5 mm²	PUR	Black	-40 °C to +125 °C	No	
722	4X1.5 mm²	PUR	Black	-40 °C to +125 °C	Yes	
723	4X1.5 mm²	PUR	Black	-40 °C to +125 °C	No	
731	3X18 AWG	TPE	Yellow	-40 °C to +90 °C	No	
733	4G1.5 mm²	PVC	Black	-40 °C to +90 °C	No	TO UL
735	5G1.5 mm ²	PVC	Black	-40 °C to +90 °C	No	№ UL №
736	5G0.75 mm ²	PVC	Black	-40 °C to +90 °C	No	
794	5X18 AWG	TPE	Yellow	-40 °C to +90 °C	No	
800	3G10 AWG	TPE	Black	-30 °C to +90 °C	No	™ UL ■
802	3G14 AWG	TPE	Black	-30 °C to +90 °C	No	™ UL •
803	4G10 AWG	TPE	Black	-30 °C to +90 °C	No	Two UL
805	4G14 AWG	TPE	Black	-30 °C to +90 °C	No	™ UL ■
838	3X16 AWG	TPE	Yellow	-40 °C to +90 °C	No	
839	4X16 AWG	TPE	Yellow	-40 °C to +90 °C	No	
877	5X16 AWG	TPE	Yellow	-40 °C to +90 °C	No	
910	5G1.5 mm ²	PUR	Black	-40 °C to +125 °C	Yes	#» > C UL
911	5G1.5 mm ²	PUR	Black	-40 °C to +125 °C	No	
912	5G2.5 mm ²	PUR	Black	-40 °C to +125 °C	No	
915	4G1.5 mm ²	PVC	Black	-30 °C to +80 °C	Yes	
916	5G1.5 mm ²	PVC	Black	-30 °C to +80 °C	Yes	
921	5G2.5 mm ²	PUR	Black	-30 °C to +125 °C	Yes	
949	5G1.5 mm ²	PUR	Grey	-40 °C to +125 °C	No	
950	5G2.5 mm ²	PUR	Grey	-40 °C to +125 °C	No	
956	5G1.5 mm ²	PUR	Grey	-40 °C to +125 °C	Yes	
957	5G2.5 mm ²	PUR	Grey	-40 °C to +125 °C	Yes	
ST	3G0.75 mm ²	H05RR	Black	-30 °C to +60 °C	No	
ST	4G0.75 mm ²	H05RR	Black	-30 °C to +60 °C	No	
ST	5G0.75 mm ²	H05RR	Black	-30 °C to +60 °C	No	
G	2X0.75 mm ²	H05RN	Black	-30 °C to +60 °C	No	
		PVC				
G	3G1.0 mm ²		Grey	-25 °C to +70 °C	No No	
G G	4G0.75 mm ² 4X1.0 mm ²	PVC	Grey Grey	-25 °C to +70 °C -25 °C to +70 °C	No No	

Vibration and shock resistance
Oil, coolants, lubricants and emulsion resistance

UL UL-approved

Drag chain suitability

UV resistance

Electromagnetic resistance











Cable Material Comparison

Material	High Temp	Low Temp	Flexibility	UV-Rays	Chemicals	Oil
		***	Co			
PUR	••••	••••	••••	••••	••••	••••
PVC	••••	••••	••••	••••	••••	••••
TPE	••••	0000	0000	••00	••••	••••

•ooo = Poor

●●○○ = Fair

●●●○ = Good

•••• = Excellent

Please request datasheet for more detailed information

IP Code

Index		Degree of Protection
0	A CO	No protection against accidental contact, no protection against solid foreign bodies
1		Protection against contact with any large area by hand and against solid foreign bodies with Ø >50 mm
2		Protection against contact with the fingers, protection against solid foreign bodies with Ø >12 mm
3		Protection against tools, wires or similar objects with Ø >2.5 mm, protection against solid foreign bodies with Ø >2.5 mm
4		Just like 3 except for the size difference of Ø >1 mm
5		Full protection against contact, protection against interior injurious dust deposits
6	8	Total protection against contact, protection against penetration of dust

Index		Degree of Protection
0		No protection against water
1		Protection against vertical water drops
2	15° 15°	Protection against water drops (up to a 15° angle)
3	60° 60°	Protection against diagonal water drops (up to a 60° angle)
4		Protection against splashed water from all directions
5		Protection against water (out of a nozzle) from all directions
6		Protection against water penetration during temporary flooding
7		Protection against temporary submersion in water
8		Protection against permanent submersion in water
9К		Protected against water from high-pressure/steam jet cleaners





Circular Connectors M12 Power Series

When only the Best is Good Enough – World's Strongest M12 Connector

The M12 Power Series opens the world of conventional M12 technology to high-power transmission. Carrying 16 A at 630 V it is your answer to the increasing demand for powerful connectivity in the smallest possible housings.



The Benefits

Ready for any challenge – full power in hot, wet, particularly dusty or even moving applications

Performance you can rely on – thanks to high-class material and various international approvals

Comprehensive portfolio – four different codings to fulfill the need of almost every application

Markets

- Machine building
- Automation
- Automotive
- Material handling
- Infrastructure
- Transportation





Technical Information

M12 Pow	er Series	4-pole S-coding	5-pole L-coding	5-pole K-coding	4-pole T-coding
T	General Data				
Ŧ O	No. of Pins	4 (3 + PE)	5 (4 + FE)	5 (4 + PE)	4
•	Cable-Gland (field attachable)	PG 11	PG 11	PG 11	PG 11
	Cable-Range (field attachable)	ø 3.0 mm to 11.0 mm	ø 3.0 mm to 11.0 mm	ø 3.0 mm to 11.0 mm	ø 3.0 mm to 11.0 mm
	Terminal Type (field attachable)	Screw	Crimp	Crimp	Screw
	Conductor Size (field attachable)	0.5 mm ² to 1.5 mm ²	0.75 mm², 1.5 mm², 2.5 mm²	0.75 mm², 1.5 mm², 2.5 mm²	0.5 mm ² to 1.5 mm ²
	Cable Material (molded)	PUR, PVC	PUR	PUR, PVC	PUR
	Conductor Size (molded)	1.5 mm²	1.5 mm², 2.5 mm²	0.75 mm², 1.5 mm², 2.5 mm²	1.5 mm²
	Housing Color	Blue, Black	Blue, Black	Blue, Black	Blue, Black
	Electrical Data			•	
	Operating Voltage	600 V AC/DC	50 V AC/60 V DC	600 V AC/DC	50 V AC/60 V DC
	Current	16 A AC/DC	16 A AC/DC	16 A AC/DC	16 A AC/DC
White.	Environmental Data				
以於	Ambient Temperature*	-40 °C to +125 °C	-40 °C to +125 °C	-40 °C to +125 °C	-40 °C to +125 °C
	Protection Degree	IP65, IP67, IP69	IP65, IP67, IP69	IP65, IP67, IP69	IP65, IP67, IP69
	Approvals	VDE, UL	VDE, UL	VDE, UL	VDE, UL

^{*} Notice derating and cable temperature

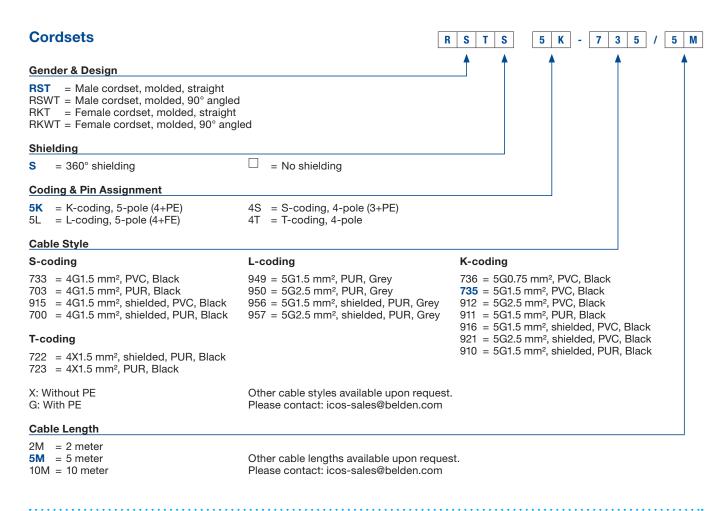


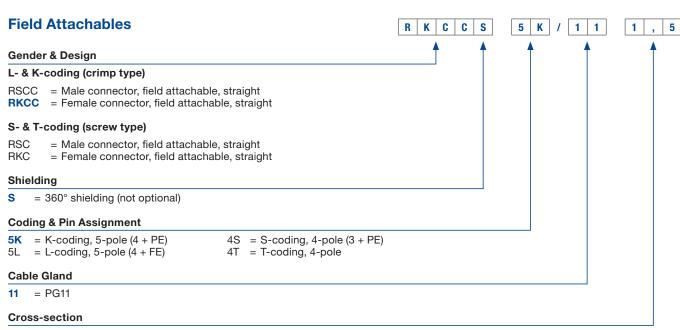






Product Configurator





2,5 = 2.5 mm² crimp-contact (L- & K-coding)

1,5 = 1.5 mm² crimp-contact (L- & K-coding)

= 0.5 to 1.5 mm² (S- & T-coding with screw terminal)





Order Overview

M12 Power Series	S-coded 4-	oole (3 + PE)	L-coded 5-pole (4 + FE)		
	Male	Female	Male	Female	
1. Choose Coding			402		
2. Choose Design					
Field Attachables					
Straight, screw type, shielded/unshielded	RSCS 4S/11	RKCS 4S/11	_	_	
Straight, crimp type, shielded/unshielded	_	_	RSCCS 5L/11,1.5	RKCCS 5L/11,1.5	
Receptacles					
Front mount	RSF6S 4S-033/0,2 M	RKF6S 4S-033/0,2 M	RSF6S 5L-033/0,2 M	RKF6S 5L-033/0,2 N	
Front mount (positionable)	RSP6S 4S-033/0,2 M	RKP6S 4S-033/0,2 M	RSP6S 5L-033/0,2 M	RKP6S 5L-033/0,2 N	
Rear mount	RSH6S 4S-033/0,2 M	RKH6S 4S-033/0,2 M	RSH6S 5L-033/0,2 M	RKH6S 5L-033/0,2 N	
Flange (20x20)	RSA0S 4S-033/0,2 M	_	RSA0S 5L-033/0,2 M	_	
Single-Ended Cordsets					
Straight, unshielded	RST 4S-703/*M	RKT 4S-703/*M	RST 5L-949/*M	RKT 5L-949/*M	
Straight, shielded	RSTS 4S-700/*M	RKTS 4S-700/*M	RSTS 5L-956/*M	RKTS 5L-956/*M	
Angled, unshielded	RSWT 4S-703/*M	RKWT 4S-703/*M	RSWT 5L-949/*M	RKWT 5L-949/*M	
Double-Ended Cordsets		ı		1	
Straight-to-straight, unshielded	RST 4S-RK	Г 4S-703/*М	RST 5L-RKT 5L-949/*M		
Straight-to-straight, shielded		ΓS 4S-700/*M	RSTS 5L-RKTS 5L-956/*M		
	RST 4S-RKWT 4S-700/ WI		RST 5L-RKWT 5L-949/*M		
Straight-to-angled, unshielded	RST 4S-RKW	T 4S-703/*M	RST 5L-RKW	'T 5L-949/*M	
Straight-to-angled, unshielded Angled-to-angled, unshielded M12 Power Series	RSWT 4S-RKI	NT 4S-703/*M	RSWT 5L-RKI	NT 5L-949/*M	
Angled-to-angled, unshielded	RSWT 4S-RKI K-coded 5-	WT 4S-703/*M pole (4 + PE)	RSWT 5L-RKI	NT 5L-949/*M	
_ · · ·	RSWT 4S-RKI	NT 4S-703/*M	RSWT 5L-RKI	NT 5L-949/*M	
Angled-to-angled, unshielded M12 Power Series	RSWT 4S-RKI K-coded 5-	WT 4S-703/*M pole (4 + PE)	RSWT 5L-RKI	NT 5L-949/*M	
M12 Power Series 1. Choose Coding 2. Choose Design	RSWT 4S-RKI K-coded 5-	WT 4S-703/*M pole (4 + PE)	RSWT 5L-RKI	NT 5L-949/*M	
Angled-to-angled, unshielded M12 Power Series 1. Choose Coding	RSWT 4S-RKI K-coded 5-	WT 4S-703/*M pole (4 + PE)	RSWT 5L-RKI	NT 5L-949/*M	
Angled-to-angled, unshielded M12 Power Series 1. Choose Coding 2. Choose Design Field Attachables	RSWT 4S-RKI K-coded 5-	WT 4S-703/*M pole (4 + PE)	T-coded Male	d 4-pole Female	
Angled-to-angled, unshielded M12 Power Series 1. Choose Coding 2. Choose Design Field Attachables Straight, screw type, shielded/unshielded Straight, crimp type, shielded/unshielded	K-coded 5-p	Profession (A + PE) Female	T-coded Male	d 4-pole Female	
M12 Power Series 1. Choose Coding 2. Choose Design Field Attachables Straight, screw type, shielded/unshielded	K-coded 5-p	Profession (A + PE) Female	T-coded Male	d 4-pole Female	
Angled-to-angled, unshielded M12 Power Series 1. Choose Coding 2. Choose Design Field Attachables Straight, screw type, shielded/unshielded Straight, crimp type, shielded/unshielded Receptacles	RSWT 4S-RKI K-coded 5-p Male	Poole (4 + PE) Female	T-code Male RSCS 4T/11	T 5L-949/*M d 4-pole Female RKCS 4T/11	
Angled-to-angled, unshielded M12 Power Series 1. Choose Coding 2. Choose Design Field Attachables Straight, screw type, shielded/unshielded Straight, crimp type, shielded/unshielded Receptacles Front mount	RSWT 4S-RKI K-coded 5-p Male - RSCCS 5K/11,1.5 RSF6S 5K-033/0,2 M	Prince Temple Female	RSWT 5L-RKI T-code Male RSCS 4T/11 RSF6U 4T-033/0,2 M	### T5L-949/*M ### T5L-949/*M	
Angled-to-angled, unshielded M12 Power Series 1. Choose Coding 2. Choose Design Field Attachables Straight, crimp type, shielded/unshielded Straight, crimp type, shielded/unshielded Receptacles Front mount Front mount (positionable)	RSWT 4S-RKI K-coded 5-p Male RSCCS 5K/11,1.5 RSF6S 5K-033/0,2 M RSP6S 5K-033/0,2 M	Premale Female RKCCS 5K/11,1.5 RKF6S 5K-033/0,2 M RKP6S 5K-033/0,2 M	RSWT 5L-RKI T-code Male RSCS 4T/11	RKCS 4T/11	
Angled-to-angled, unshielded M12 Power Series 1. Choose Coding 2. Choose Design Field Attachables Straight, screw type, shielded/unshielded Straight, crimp type, shielded/unshielded Receptacles Front mount Front mount (positionable) Rear mount Flange (20x20)	RSWT 4S-RK\ K-coded 5-j Male - RSCCS 5K/11,1.5 RSF6S 5K-033/0,2 M RSP6S 5K-033/0,2 M RSH6S 5K-033/0,2 M	Premale Female RKCCS 5K/11,1.5 RKF6S 5K-033/0,2 M RKP6S 5K-033/0,2 M	RSWT 5L-RKI T-code(Male RSCS 4T/11 RSF6U 4T-033/0,2 M RSP6U 4T-033/0,2 M RSH6U 4T-033/0,2 M	RKCS 4T/11	
Angled-to-angled, unshielded M12 Power Series 1. Choose Coding 2. Choose Design Field Attachables Straight, screw type, shielded/unshielded Straight, crimp type, shielded/unshielded Receptacles Front mount Front mount (positionable) Rear mount Flange (20x20) Single-Ended Cordsets	RSWT 4S-RK\ K-coded 5-j Male - RSCCS 5K/11,1.5 RSF6S 5K-033/0,2 M RSP6S 5K-033/0,2 M RSH6S 5K-033/0,2 M	Premale Female RKCCS 5K/11,1.5 RKF6S 5K-033/0,2 M RKP6S 5K-033/0,2 M	RSWT 5L-RKI T-code(Male RSCS 4T/11 RSF6U 4T-033/0,2 M RSP6U 4T-033/0,2 M RSH6U 4T-033/0,2 M	RKCS 4T/11	
Angled-to-angled, unshielded M12 Power Series 1. Choose Coding 2. Choose Design Field Attachables Straight, screw type, shielded/unshielded Straight, crimp type, shielded/unshielded Receptacles Front mount Front mount (positionable) Rear mount Flange (20x20) Single-Ended Cordsets Straight, unshielded	RSWT 4S-RKI K-coded 5-j Male RSCCS 5K/11,1.5 RSF6S 5K-033/0,2 M RSP6S 5K-033/0,2 M RSH6S 5K-033/0,2 M RSA0S 5K-033/0,2 M	Principal Princi	RSWT 5L-RKI T-code Male RSCS 4T/11 - RSF6U 4T-033/0,2 M RSP6U 4T-033/0,2 M RSH6U 4T-033/0,2 M RSA0U 4T-033/0,2 M	RKCS 4T/11 RKF6U 4T-033/0,2 M RKH6U 4T-033/0,2 M RKH6U 4T-033/0,2 M	
Angled-to-angled, unshielded M12 Power Series 1. Choose Coding 2. Choose Design Field Attachables Straight, screw type, shielded/unshielded Straight, crimp type, shielded/unshielded Receptacles Front mount Front mount (positionable) Rear mount	RSWT 4S-RKI K-coded 5-j Male	Principal Service of S	RSWT 5L-RKI T-code Male RSCS 4T/11 - RSF6U 4T-033/0,2 M RSP6U 4T-033/0,2 M RSH6U 4T-033/0,2 M RSA0U 4T-033/0,2 M	RKCS 4T/11 RKF6U 4T-033/0,2 M RKH6U 4T-033/0,2 M RKH6U 4T-033/0,2 M RKH6U 4T-033/0,2 M	
Angled-to-angled, unshielded M12 Power Series 1. Choose Coding 2. Choose Design Field Attachables Straight, screw type, shielded/unshielded Straight, crimp type, shielded/unshielded Receptacles Front mount Front mount (positionable) Rear mount Flange (20x20) Single-Ended Cordsets Straight, unshielded Straight, shielded Angled, unshielded	RSWT 4S-RKI K-coded 5-j Male RSCCS 5K/11,1.5 RSF6S 5K-033/0,2 M RSP6S 5K-033/0,2 M RSH6S 5K-033/0,2 M RSA0S 5K-033/0,2 M RST 5K-911/*M RST 5K-910/*M	Principal Service Serv	RSWT 5L-RKI T-code Male RSCS 4T/11	RKCS 4T/11 RKF6U 4T-033/0,2 M RKH6U 4T-033/0,2 M RKH6U 4T-033/0,2 M RKT 4T-723/*M RKTS 4T-722/*M	
Angled-to-angled, unshielded M12 Power Series 1. Choose Coding 2. Choose Design Field Attachables Straight, screw type, shielded/unshielded Straight, crimp type, shielded/unshielded Receptacles Front mount Front mount (positionable) Rear mount Flange (20x20) Single-Ended Cordsets Straight, unshielded Straight, shielded Angled, unshielded Double-Ended Cordsets	RSWT 4S-RKI K-coded 5-1 Male RSCCS 5K/11,1.5 RSF6S 5K-033/0,2 M RSP6S 5K-033/0,2 M RSH6S 5K-033/0,2 M RSA0S 5K-033/0,2 M RST 5K-911/*M RST 5K-911/*M	Principal Service Serv	RSWT 5L-RKI T-code Male RSCS 4T/11 RSF6U 4T-033/0,2 M RSP6U 4T-033/0,2 M RSH6U 4T-033/0,2 M RSA0U 4T-033/0,2 M RSAU 4T-033/0,2 M RST 4T-723/*M RSTS 4T-722/*M RSWT 4T-723/*M	RKCS 4T/11 RKF6U 4T-033/0,2 M RKH6U 4T-033/0,2 M RKH6U 4T-033/0,2 M RKT 4T-723/*M RKTS 4T-722/*M	
Angled-to-angled, unshielded M12 Power Series 1. Choose Coding 2. Choose Design Field Attachables Straight, screw type, shielded/unshielded Straight, crimp type, shielded/unshielded Receptacles Front mount Front mount (positionable) Rear mount Flange (20x20) Single-Ended Cordsets Straight, unshielded Angled, unshielded Double-Ended Cordsets Straight-to-straight, unshielded	RSWT 4S-RKI K-coded 5-1 Male RSCCS 5K/11,1.5 RSF6S 5K-033/0,2 M RSP6S 5K-033/0,2 M RSH6S 5K-033/0,2 M RSA0S 5K-033/0,2 M RSA0S 5K-033/0,2 M RST 5K-911/*M RST 5K-911/*M RSWT 5K-911/*M	Provided (A + PE) Female RKCCS 5K/11,1.5 RKF6S 5K-033/0,2 M RKP6S 5K-033/0,2 M RKH6S 5K-033/0,2 M RKH6S 5K-033/0,2 M RKH6S 5K-033/0,2 M RKT 5K-911/*M RKT 5K-911/*M	RSWT 5L-RKI T-code Male RSCS 4T/11	RKCS 4T/11 RKF6U 4T-033/0,2 M RKH6U 4T-033/0,2 M RKH6U 4T-723/*M RKT 4T-723/*M RKWT 4T-723/*M	
Angled-to-angled, unshielded M12 Power Series 1. Choose Coding 2. Choose Design Field Attachables Straight, screw type, shielded/unshielded Straight, crimp type, shielded/unshielded Receptacles Front mount Front mount (positionable) Rear mount Flange (20x20) Single-Ended Cordsets Straight, unshielded Straight, shielded Straight, shielded	RSWT 4S-RKI K-coded 5-j Male RSCCS 5K/11,1.5 RSF6S 5K-033/0,2 M RSP6S 5K-033/0,2 M RSH6S 5K-033/0,2 M RSA0S 5K-033/0,2 M RST 5K-911/*M RST 5K-911/*M RST 5K-911/*M RST 5K-911/*M	Principle (A + PE) Female	RSWT 5L-RKI T-code Male RSCS 4T/11 RSF6U 4T-033/0,2 M RSP6U 4T-033/0,2 M RSH6U 4T-033/0,2 M RSA0U 4T-033/0,2 M RST 4T-723/*M RST 4T-723/*M RST 4T-723/*M RST 4T-RK' RSTS 4T-RK'	RKCS 4T/11 RKF6U 4T-033/0,2 M RKH6U 4T-033/0,2 M RKH6U 4T-723/*M RKWT 4T-723/*M	

Blue highlighted product features are available in different variants. Please see page 12 for more information.







Rectangular Connectors G/GO Series

The Space-Saver: Great in Performance – Small in Size

Where other connectors may find conditions too tight, the G/GO Series is right at home – and that's why the rectangular connector with its compact dimensions plays a major role in the world of miniaturization.



The Benefits

Extremely tough – especially designed for applications with persistent mechanical stress, e.g. in underground mining surroundings

Flexible to use – viable for a wide range of industries due to various pin assignments

Flexible to fit – square (G) and rectangular designs (GO) to match your individual application

Markets

- Machine building
- Automation
- Material handling
- Underground mining





Technical Information

G/GO Ser	ries	G Series 2-pole	G Series 3-pole	G Series 4-pole	GO Series 6-pole	GO Series 7-pole
T .	General Data					
	No. of Pins	2	2 + PE	Molded: 3 + PE, 4 Field attachable: 4 Receptacle: 4	5 + PE, 6	6 + PE, 7
	Cable-Gland (field attachable)	-	PG 7	PG 7	PG 7	PG 11
	Cable-Range (field attachable)	-	ø 4.5 mm to 7.5 mm	ø 4.5 mm to 6.0 mm	ø 4.0 mm to 7.5 mm	ø 4.0 mm to 10.0 mm
	Terminal Type (field attachable)	-	Solder	Solder	Solder	Screw
	Conductor Size (field attachable)	-	0.15 mm ² to 0.5 mm ²	0.15 mm² to 0.5 mm²	0.15 mm ² to 0.5 mm ²	0.25 mm² to 1.0 mm²
	Cable Material (molded)	PVC	PVC	PVC	-	-
	Conductor Size (molded)	0.75 mm²	1.0 mm²	0.75 mm², 1.0 mm²	-	-
	Housing Color	Black, Grey	Black, Grey	Black, Grey	Black	Black
	Electrical Data					
	Operating Voltage	50 V AC/DC	230 V AC/DC	3 + PE: 230 V AC/DC 4: 50 V AC/DC	5 + PE: 230 V AC/DC 6: 50 V AC/DC	6 + PE: 230 V AC/DC 7: 50 V AC/DC
	Current	10 A AC/DC	Molded: 10 A AC/DC Field attachable: 6 A AC/DC	Molded: 10 A AC/DC Field attachable: 6 A AC/DC Receptacle: 10 A AC/DC	6 A AC/DC	10 A AC 6 A DC
小龙	Environmental Data					
弘於	Ambient Temperature*	-40 °C to +90 °C	-40 °C to +90 °C	-40 °C to +90 °C	-40 °C to +90 °C	-40 °C to +90 °C
/ N.	Protection Degree	IP65	IP65	IP65	IP65	IP65
	Approvals	VDE	VDE	VDE	VDE	VDE

^{*} Notice derating and cable temperature

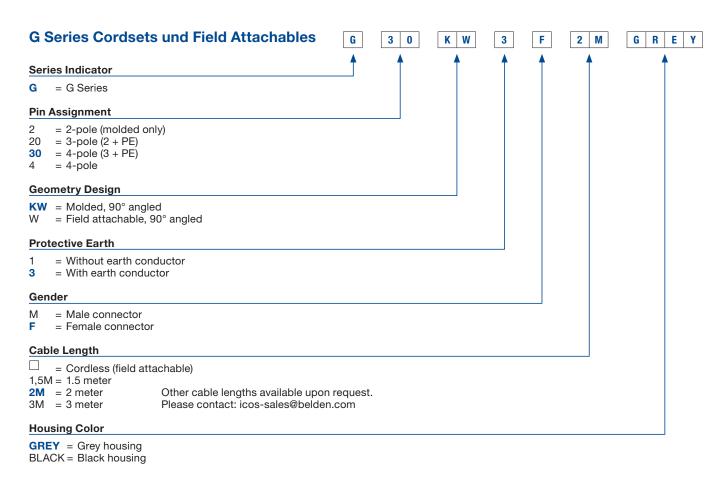


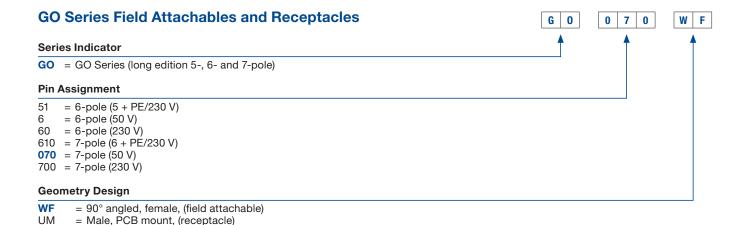






Product Configurator





FAV M = Male, octagonal flange, (receptacle) FA M = Male, rectangular flange, (receptacle)





Order Overview

G Series	2-բ	oole	3-pole (2 + PE)		
	Male	Female	Male	Female	
1. Choose Coding			550	00	
2. Choose Design			201		
ield Attachables					
Series, angled, solder type	-	_	_	G 20 W 3 F Grey	
Receptacles					
Series, solder type	-	_	-	_	
Social angled		C O VW 1 E *M Crov	C 20 KW 2 M *M Crov	C 20 KW 2 E *M Orov	
Series, angled		G 2 KW 1 F *M Grey	G 20 KW 3 M *M Grey	G 20 KW 3 F *M Grey	
G Series		(3 + PE)	4-р	ole	
	Male	Female	Male	Female	
1. Choose Coding				**	
2. Choose Design			TO		
ield Attachables					
Series, angled, solder type	-	G 30 W 3 F Grey	-	G 4 W 1 F Grey	
Receptacles					
Series, solder type	G 30 A 3 M Grey	G 30 E 3 F Grey	G 4 A 1 M Grey	_	
ingle-Ended Cordsets		1			
Series, angled	G 30 KW 3 M *M Grey	G 30 KW 3 F *M Grey	-	G 4 KW 1 F *M Grey	
GO Series	6-pole	(5 + PE)	6-pole		
	Male	Female	Male	Female	
1. Choose Coding —> 2. Choose Design	• ; • ;		; 0;		
ield Attachables					
O Series, angled, solder type	-	G0 51 WF Black	_	GO 6 WF Black (50 V) GO 6 WF Black (230 V)	
O Series, angled, screw type	-	-	-	_	
leceptacles					
iO Series, solder type	GO 51 UM	-	GO 6 UM (50 V) GO 60 UM (230 V)	-	
	GO 51 FAV M	-	GO 6 FAV M (50 V) GO 60 FAV M (230 V)	-	
60 Series, solder type with flange		- (6 + PE)	GO 60 FAV M (230 V)	- ole	
GO Series, solder type with flange			GO 60 FAV M (230 V)		
iO Series, solder type with flange	7-pole	(6 + PE)	GO 60 FAV M (230 V)	ole	
O Series, solder type with flange GO Series 1. Choose Coding 2. Choose Design	7-pole	(6 + PE)	GO 60 FAV M (230 V)	ole	
O Series, solder type with flange GO Series 1. Choose Coding	7-pole	(6 + PE)	GO 60 FAV M (230 V)	ole	
O Series, solder type with flange 1. Choose Coding 2. Choose Design ield Attachables O Series, angled, solder type	7-pole	(6 + PE)	GO 60 FAV M (230 V) 7-p Male	Female - GO 070 WF Black (50 V)	
O Series, solder type with flange 1. Choose Coding 2. Choose Design ield Attachables O Series, angled, solder type O Series, angled, screw type	7-pole	(6 + PE) Female -	GO 60 FAV M (230 V) 7-p Male	Female - GO 070 WF Black (50 V)	
O Series, solder type with flange 1. Choose Coding 2. Choose Design ield Attachables	7-pole	(6 + PE) Female -	GO 60 FAV M (230 V) 7-p Male	ole Female	

Blue highlighted product features are available in different variants. Please see page 16 for more information.







Circular Connectors CA Series

Reliable Power Transmission – where you need it, when you need it

Combining the advantages of a lightweight plastic housing with the mechanical robustness of an industrial connector, the CA Series represents a reliable solution for the most demanding applications.



The Benefits

Ruggedized for performance -

well-proven power supply for wet, dusty and harsh surroundings

Intuitive to handle – thanks to user-friendly termination and assembly in a jiffy

Versatile to use – technologically convincing connectivity solution for a wide range of applications

Markets

- Machine building
- Measurement and control
- Automation
- Logistics
- Infrastructure
- Material handling





Technical Information

eries	5	4-pole (3 + PE)	7-pole (6 + PE)
	General Data		
	No. of Pins	3 + PE	6 + PE
	Cable-Gland (field attachable)	TR 22	TR 22
	Cable-Range (field attachable)	ø 6 mm to 12 mm	ø 6 mm to 12 mm
	Terminal Type (field attachable)	Screw	Solder
	Conductor Size (field attachable)	0.5 mm ² to 2.5 mm ²	max. 0.75 mm²
	Cable Material (molded)	-	-
	Conductor Size (molded)	-	-
	Housing/Contact Holder Color	Black, White, Red, Blue	Black, White, Red, Blue
7 \	Electrical Data		
	Operating Voltage	400 V AC/230 V DC	230 V AC/DC
	Current	16 A AC/10 A DC	10 A AC/DC
	Environmental Data		
英	Ambient Temperature*	-40 °C to +90 °C	-40 °C to +90 °C
N. P.	Protection Degree	IP65, IP67	IP65, IP67
	Approvals	UL, VDE, CSA	UL, VDE, CSA

^{*} Notice derating and cable temperature

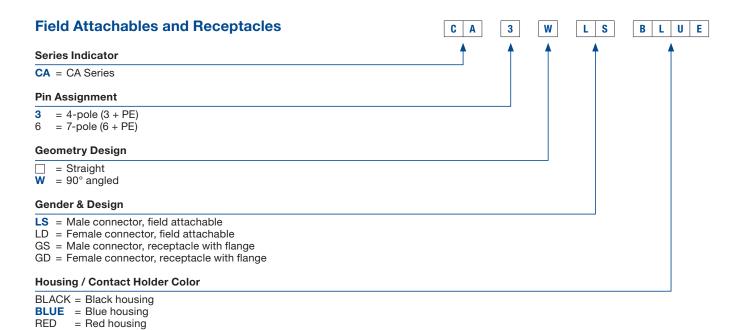


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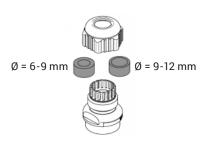


Product Configurator

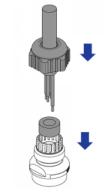


CA Series intuitive assembly in a jiffy

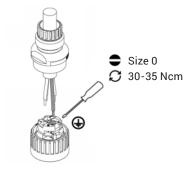
WHITE = White housing



Pick the right sealing depending on your cable size.



Insert the sealing into the body, then push the cable through.



Unscrew the PE-contact, insert the PE-conductor and tighten again.



Repeat this procedure for the remaining contacts.



Screw the connector body to the contact holder.



Screw the cable gland to the connector body.





Order Overview

CA Series	4-pole	(3 + PE)	7-pole	(6 + PE)
	Male	Female	Male	Female
1. Choose Coding 2. Choose Design				
Field Attachables				I
Straight, screw type	CA 3 LS	CA 3 LD	-	_
Straight, solder type	-	-	CA 6 LS	CA 6 LD
Angled, screw type	CA 3 W LS	CA 3 W LD	-	_
Angled, solder type	-	_	CA 6 W LS	CA 6 W LD
Receptacles				
Screw type	CA 3 GS	CA 3 GD	-	_
Solder type	_	-	CA 6 GS	CA 6 GD
Accessories				
Safety cap for field attachables, variable loop	CA 00 SD 1	CA 00 SD 3	CA 00 SD 1	CA 00 SD 3
Safety cap for receptacles, fixed loop	CA 00 SD 2	CA 00 SD 4	CA 00 SD 2	CA 00 SD 4

Please see page 20 for more information.









Circular Connectors 7/8" Series

Sealed like a submarine - completely watertight up to 100 meters

The circular connectors of the 7/8" Series feature very high mechanical and electrical durability. A special PUR-overmolding prevents dust and moisture from entering the connector and ensures impermeability up to 10 bar.



The Benefits

Feel the difference – high-quality material ensuring a long lifetime and exceptional operational reliability

Great variety - a wide range of versions offers flexible connection solutions

Worldwide valued - internationally standardized interface for global usage

Markets

- Machine building
- Automation
- Material handling
- Automotive





Technical Information

7/8" Seri	es	2-р	ole	3-pole	(2 + PE)	4-,	oole	5-pole ((4 + PE)
T	General Data				_				
TO	No. of Pins		2	2 -	+ PE	Field attach	l: 4-pole nable: 3 + PE cle: 4-pole	4 +	· PE
	Cable-Gland (field attachable)		_	PG 9, 11	, 13.5, 16	PG 9, 11	, 13.5, 16	PG 9, 11,	13.5, 16
	Cable-Range (field attachable)		-	PG 11: ø 8.0 r PG 13.5: ø 10.0	nm to 8.0 mm nm to 10.0 mm) mm to 12.0 mm mm to 14.0 mm	PG 11: ø 8.0 n PG 13.5: ø 10.0	nm to 8.0 mm nm to 10.0 mm mm to 12.0 mm mm to 14.0 mm	PG 13.5: ø 10.0	nm to 8.0 mm nm to 10.0 mm mm to 12.0 mm nm to 14.0 mm
	Terminal Type (field attachable)		_	Sc	rew	Sc	rew	Scr	rew
	Conductor Size (field attachable)		_	max.	1.5 mm²	max. 1	.5 mm²	max. 1	.5 mm²
	Cable Material (molded)	P	/C	P	VC	Р	VC	P\	/C
	Conductor Size (molded)	0.75	mm²	0.75	5 mm²	0.5	mm²	0.5 ו	mm²
	Housing Color	Orange,	Yellow**		nge, Yellow** hable: Black	Molded: Ora Field attac	nge, Yellow** hable: Black		nge, Yellow** nable: Black
	Electrical Data								
	Operating Voltage	230 V AC/DC	600 V AC/DC**	230 V AC/DC	600 V AC/DC**	230 V AC/DC	600 V AC/DC**	230 V AC/DC	600 V AC/DC**
	Current	12 A /	AC/DC	12 A	AC/DC	9 A A	AC/DC	9 A A	C/DC
小性	Environmental Data								
以於	Ambient Temperature*	-40 °C t	0 +90 °C	-40 °C	to +90 °C	-40 °C t	o + 90°C	-40 °C to	0 +90 °C
/KP	Protection Degree	Field attac	3 (2h, 10 bar) hable: IP67 68 (1h, 10 bar)	Field attac	8 (2h, 10 bar) chable: IP67 P68 (1h, 10 bar)	Field attac	8 (2h, 10 bar) hable: IP67 268 (1h, 10 bar)	Field attacl	3 (2h, 10 bar) hable: IP67 68 (1h, 10 bar)
	Approvals	-	_		_		_	-	-

 $[\]ensuremath{^{\star}}$ Notice derating and cable temperature

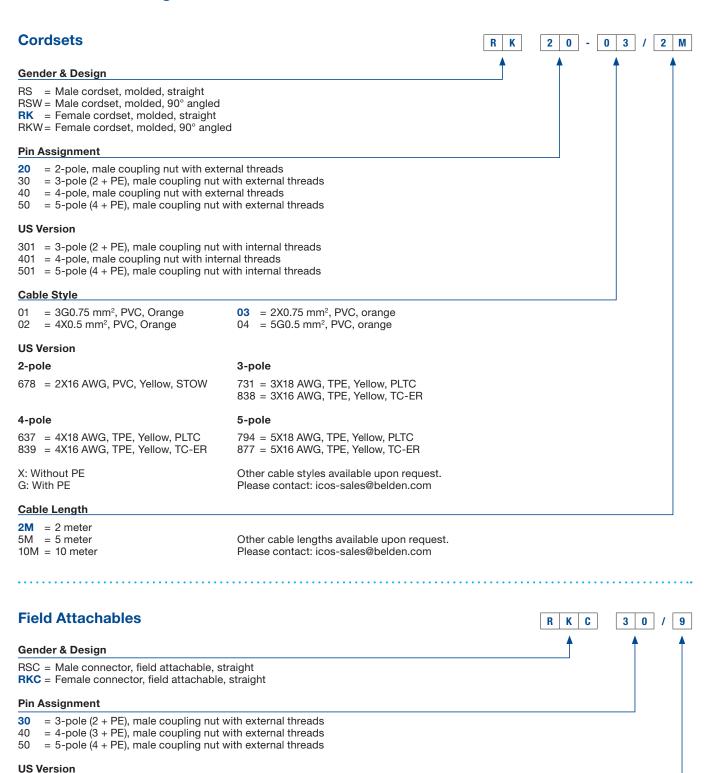
^{**} US version only







Product Configurator



Cable Gland = PG 9

13,5 = PG 13.5

= PG 16

301 = 3-pole (2 + PE), male coupling nut with internal threads = 4-pole, male coupling nut with internal threads 501 = 5-pole (4 + PE), male coupling nut with internal threads





Order Overview

7/8" Series	2- p	oole	3-pole	(2 + PE)	
	Male	Female	Male	Female	
1. Choose Coding					
2. Choose Design					
Field Attachables					
Straight, screw type, PG 9, external threads	-	_	RSC 30/9	RKC 30/9	
Straight, screw type, PG 11, external threads	-	_	RSC 30/11	RKC 30/11	
Straight, screw type, PG 13.5, external threads	-	_	RSC 30/13,5	RKC 30/13,5	
Straight, screw type, PG 16, external threads	_	_	RSC 30/16	RKC 30/16	
Straight, screw type, PG 9, internal threads	_	_	RSC 301/9	_	
Straight, screw type, PG 11, internal threads	_	_	RSC 301/11	_	
Straight, screw type, PG 13.5, internal threads	_	_	RSC 301/13,5	_	
Straight, screw type, PG 16, internal threads	-	-	RSC 301/16	_	
Receptacles					
Front mount, with stranded wire, PG 11	RSF 20/11-03	RKF 20/11-03	RSF 30/11-01	RKF 30/11-01	
Front mount, with stranded wire, PG 13.5	RSF 20/13,5-03	RKF 20/13,5-03	RSF 30/13,5-01	RKF 30/13,5-01	
Single-Ended Cordsets	,			23.12,3 01	
Straight, external threads	RS 20-03/*M	RK 20-03/*M	RS 30-01/*M	RK 30-01/*M	
Angled, external threads	RSW 20-03/*M	RKW 20-03/*M	RSW 30-01/*M	RKW 30-01/*M	
Straight, internal threads			RS 301-01/*M	RK 301-01/*M	
Angled, internal threads	_	_	RSW 301-01/*M	RKW 301-01/*M	
Double-Ended Cordsets			11011 301 017 111	111(W 001 017 W	
Straight-to-straight, external threads	BCBK 30)-03/* M	BCBK 30)_01/* M	
	HOHIN ZO	7-00/ IVI	RSRK 30-01/* M		
0 0,	DCDK/W 2	0 02/* M	RSRKW 30-01/* M		
Straight-to-angled, external threads Angled-to-angled, external threads	RSWRKW	(0-03/* M 20-03/* M (3 + PE)		30-01/* M	
Straight-to-angled, external threads Angled-to-angled, external threads	RSWRKW	20-03/* M	RSWRKW	30-01/* M	
Straight-to-angled, external threads Angled-to-angled, external threads	RSWRKW	20-03/* M (3 + PE)	RSWRKW	30-01/* M (4 + PE)	
Straight-to-angled, external threads Angled-to-angled, external threads 7/8" Series 1. Choose Coding 2. Choose Design	RSWRKW	20-03/* M (3 + PE)	RSWRKW	30-01/* M (4 + PE)	
Straight-to-angled, external threads Angled-to-angled, external threads 7/8" Series 1. Choose Coding 2. Choose Design Field Attachables	RSWRKW	20-03/* M (3 + PE)	RSWRKW	30-01/* M (4 + PE)	
Straight-to-angled, external threads Angled-to-angled, external threads 7/8" Series 1. Choose Coding 2. Choose Design Field Attachables Straight, screw type, PG 9, external threads	4-pole Male	20-03/* M (3 + PE) Female	5-pole Male	30-01/* M (4 + PE) Female	
Straight-to-angled, external threads Angled-to-angled, external threads 7/8" Series 1. Choose Coding 2. Choose Design Field Attachables Straight, screw type, PG 9, external threads Straight, screw type, PG 11, external threads	A-pole Male RSC 40/9	20-03/* M (3 + PE) Female RKC 40/9	S-pole Male RSC 50/9	30-01/* M (4 + PE) Female RKC 50/9	
Straight-to-angled, external threads Angled-to-angled, external threads 7/8" Series 1. Choose Coding 2. Choose Design Field Attachables Straight, screw type, PG 9, external threads Straight, screw type, PG 11, external threads Straight, screw type, PG 13.5, external threads	RSWRKW 4-pole Male RSC 40/9 RSC 40/11	20-03/* M (3 + PE) Female RKC 40/9 RKC 40/11	RSWRKW 5-pole Male RSC 50/9 RSC 50/11	30-01/* M (4 + PE) Female RKC 50/9 RKC 50/11	
Straight-to-angled, external threads Angled-to-angled, external threads 7/8" Series 1. Choose Coding 2. Choose Design Field Attachables Straight, screw type, PG 9, external threads Straight, screw type, PG 11, external threads Straight, screw type, PG 13.5, external threads Straight, screw type, PG 16, external threads Straight, screw type, PG 16, external threads	RSWRKW 4-pole Male RSC 40/9 RSC 40/11 RSC 40/13,5	20-03/* M (3 + PE) Female RKC 40/9 RKC 40/11 RKC 40/13,5	RSWRKW 5-pole Male RSC 50/9 RSC 50/11 RSC 50/13,5	30-01/* M (4 + PE) Female RKC 50/9 RKC 50/11 RKC 50/13,5	
Straight-to-angled, external threads Angled-to-angled, external threads 7/8" Series 1. Choose Coding 2. Choose Design Field Attachables Straight, screw type, PG 9, external threads Straight, screw type, PG 11, external threads Straight, screw type, PG 13.5, external threads Straight, screw type, PG 16, external threads Straight, screw type, PG 9, internal threads	RSWRKW 4-pole Male RSC 40/9 RSC 40/11 RSC 40/13,5 RSC 40/16	RKC 40/9 RKC 40/13,5 RKC 40/16	RSWRKW 5-pole Male RSC 50/9 RSC 50/11 RSC 50/13,5 RSC 50/16	30-01/* M (4 + PE) Female RKC 50/9 RKC 50/11 RKC 50/13,5	
Straight-to-angled, external threads Angled-to-angled, external threads 7/8" Series 1. Choose Coding 2. Choose Design Field Attachables Straight, screw type, PG 9, external threads Straight, screw type, PG 11, external threads Straight, screw type, PG 16, external threads Straight, screw type, PG 9, internal threads Straight, screw type, PG 9, internal threads Straight, screw type, PG 11, internal threads	RSWRKW 4-pole Male RSC 40/9 RSC 40/11 RSC 40/13,5 RSC 40/16 RSC 401/9	RKC 40/9 RKC 40/11 RKC 40/16 -	RSWRKW 5-pole Male RSC 50/9 RSC 50/11 RSC 50/13,5 RSC 50/16 RSC 501/9	30-01/* M (4 + PE) Female RKC 50/9 RKC 50/11 RKC 50/13,5	
Straight-to-angled, external threads Angled-to-angled, external threads 7/8" Series 1. Choose Coding 2. Choose Design Field Attachables Straight, screw type, PG 9, external threads Straight, screw type, PG 11, external threads Straight, screw type, PG 16, external threads Straight, screw type, PG 9, internal threads Straight, screw type, PG 11, internal threads Straight, screw type, PG 11, internal threads Straight, screw type, PG 13.5, internal threads Straight, screw type, PG 13.5, internal threads	RSWRKW 4-pole Male RSC 40/9 RSC 40/11 RSC 40/13,5 RSC 40/16 RSC 401/9 RSC 401/11	RKC 40/9 RKC 40/11 RKC 40/16	RSWRKW 5-pole Male RSC 50/9 RSC 50/11 RSC 50/13,5 RSC 50/16 RSC 501/9 RSC 501/11	30-01/* M (4 + PE) Female RKC 50/9 RKC 50/11 RKC 50/13,5	
Straight-to-angled, external threads Angled-to-angled, external threads 7/8" Series 1. Choose Coding 2. Choose Design Field Attachables Straight, screw type, PG 9, external threads Straight, screw type, PG 11, external threads Straight, screw type, PG 13.5, external threads Straight, screw type, PG 9, internal threads Straight, screw type, PG 16, internal threads Straight, screw type, PG 13.5, internal threads Straight, screw type, PG 13.5, internal threads Straight, screw type, PG 16, internal threads Straight, screw type, PG 16, internal threads Straight, screw type, PG 16, internal threads	RSWRKW 4-pole Male RSC 40/9 RSC 40/11 RSC 40/13,5 RSC 40/16 RSC 401/9 RSC 401/11 RSC 401/13,5	20-03/* M (3 + PE) Female RKC 40/9 RKC 40/11 RKC 40/13,5 RKC 40/16	RSWRKW 5-pole Male RSC 50/9 RSC 50/11 RSC 50/13,5 RSC 50/16 RSC 501/9 RSC 501/11 RSC 501/11	30-01/* M (4 + PE) Female RKC 50/9 RKC 50/11 RKC 50/13,5	
Straight-to-angled, external threads Angled-to-angled, external threads 7/8" Series 1. Choose Coding 2. Choose Design Field Attachables Straight, screw type, PG 9, external threads Straight, screw type, PG 11, external threads Straight, screw type, PG 16, external threads Straight, screw type, PG 9, internal threads Straight, screw type, PG 11, internal threads Straight, screw type, PG 11, internal threads Straight, screw type, PG 11, internal threads Straight, screw type, PG 13.5, internal threads Straight, screw type, PG 16, internal threads Straight, screw type, PG 16, internal threads Receptacles	RSWRKW 4-pole Male RSC 40/9 RSC 40/11 RSC 40/13,5 RSC 40/16 RSC 401/9 RSC 401/11 RSC 401/13,5	20-03/* M (3 + PE) Female RKC 40/9 RKC 40/11 RKC 40/13,5 RKC 40/16	RSWRKW 5-pole Male RSC 50/9 RSC 50/11 RSC 50/13,5 RSC 50/16 RSC 501/9 RSC 501/11 RSC 501/11	30-01/* M (4 + PE) Female RKC 50/9 RKC 50/11 RKC 50/13,5	
Straight-to-angled, external threads Angled-to-angled, external threads 7/8" Series 1. Choose Coding 2. Choose Design Field Attachables Straight, screw type, PG 9, external threads Straight, screw type, PG 11, external threads Straight, screw type, PG 13.5, external threads Straight, screw type, PG 9, internal threads Straight, screw type, PG 11, internal threads Straight, screw type, PG 11, internal threads Straight, screw type, PG 13.5, internal threads Straight, screw type, PG 16, internal threads Straight, screw type, PG 16, internal threads Straight, screw type, PG 16, internal threads Receptacles Front mount, with stranded wire, PG 11	RSWRKW 4-pole Male RSC 40/9 RSC 40/11 RSC 40/13,5 RSC 40/16 RSC 401/19 RSC 401/11 RSC 401/11 RSC 401/13,5 RSC 401/16	RKC 40/9 RKC 40/11 RKC 40/16	RSWRKW 5-pole Male RSC 50/9 RSC 50/11 RSC 50/13,5 RSC 50/16 RSC 501/9 RSC 501/9 RSC 501/11 RSC 501/11,5 RSC 501/11	RKC 50/9 RKC 50/11 RKC 50/116	
Straight-to-angled, external threads Angled-to-angled, external threads 7/8" Series 1. Choose Coding 2. Choose Design Field Attachables Straight, screw type, PG 9, external threads Straight, screw type, PG 11, external threads Straight, screw type, PG 18.5, external threads Straight, screw type, PG 19, internal threads Straight, screw type, PG 9, internal threads Straight, screw type, PG 11, internal threads Straight, screw type, PG 11, internal threads Straight, screw type, PG 16, internal threads Straight, screw type, PG 16, internal threads Straight, screw type, PG 16, internal threads Front mount, with stranded wire, PG 11 Front mount, with stranded wire, PG 13.5	RSWRKW 4-pole Male RSC 40/9 RSC 40/11 RSC 40/13,5 RSC 40/16 RSC 401/19 RSC 401/11 RSC 401/11 RSC 401/16 RSF 40/11-02	RKC 40/11 RKC 40/16	RSWRKW 5-pole Male RSC 50/9 RSC 50/11 RSC 50/13,5 RSC 50/16 RSC 501/9 RSC 501/11 RSC 501/11 RSC 501/116 RSF 50/11-04	RKC 50/9 RKC 50/11 RKC 50/11 RKC 50/16	
Straight-to-angled, external threads Angled-to-angled, external threads 7/8" Series 1. Choose Coding 2. Choose Design Field Attachables Straight, screw type, PG 9, external threads Straight, screw type, PG 11, external threads Straight, screw type, PG 13.5, external threads Straight, screw type, PG 16, external threads Straight, screw type, PG 11, internal threads Straight, screw type, PG 11, internal threads Straight, screw type, PG 13.5, internal threads Straight, screw type, PG 16, internal threads Straight, screw type, PG 16, internal threads Straight, screw type, PG 16, internal threads Front mount, with stranded wire, PG 11 Front mount, with stranded wire, PG 13.5 Single-Ended Cordsets	RSWRKW 4-pole Male RSC 40/9 RSC 40/11 RSC 40/13,5 RSC 40/16 RSC 401/19 RSC 401/11 RSC 401/11 RSC 401/16 RSF 40/11-02	RKC 40/11 RKC 40/16	RSWRKW 5-pole Male RSC 50/9 RSC 50/11 RSC 50/13,5 RSC 50/16 RSC 501/9 RSC 501/11 RSC 501/11 RSC 501/116 RSF 50/11-04	RKC 50/9 RKC 50/11 RKC 50/11 RKC 50/16	
Straight-to-angled, external threads Angled-to-angled, external threads 7/8" Series 1. Choose Coding 2. Choose Design Field Attachables Straight, screw type, PG 9, external threads Straight, screw type, PG 11, external threads Straight, screw type, PG 13.5, external threads Straight, screw type, PG 16, external threads Straight, screw type, PG 11, internal threads Straight, screw type, PG 13.5, internal threads Straight, screw type, PG 16, internal threads Straight, screw type, PG 16, internal threads Straight, screw type, PG 16, internal threads Front mount, with stranded wire, PG 11 Front mount, with stranded wire, PG 13.5 Single-Ended Cordsets Straight, external threads	RSWRKW 4-pole Male RSC 40/9 RSC 40/11 RSC 40/13,5 RSC 40/16 RSC 401/9 RSC 401/11 RSC 401/11 RSC 401/116 RSF 40/11-02 RSF 40/13,5-02	20-03/* M (3 + PE) Female RKC 40/9 RKC 40/11 RKC 40/13,5 RKC 40/16	RSWRKW 5-pole Male RSC 50/9 RSC 50/11 RSC 50/13,5 RSC 50/16 RSC 501/9 RSC 501/11 RSC 501/11 RSC 501/16 RSC 501/11 RSC 501/16 RSF 50/11-04 RSF 50/13,5-04	RKC 50/9 RKC 50/11 RKC 50/13,5 RKC 50/16 RKF 50/11-04 RKF 50/13,5-04	
Straight-to-angled, external threads Angled-to-angled, external threads 7/8" Series 1. Choose Coding 2. Choose Design Field Attachables Straight, screw type, PG 9, external threads Straight, screw type, PG 11, external threads Straight, screw type, PG 13.5, external threads Straight, screw type, PG 16, external threads Straight, screw type, PG 11, internal threads Straight, screw type, PG 11, internal threads Straight, screw type, PG 16, internal threads Straight, screw type, PG 16, internal threads Straight, screw type, PG 16, internal threads Receptacles Front mount, with stranded wire, PG 11 Front mount, with stranded wire, PG 13.5 Single-Ended Cordsets Straight, external threads Angled, external threads	RSWRKW 4-pole Male RSC 40/9 RSC 40/11 RSC 40/13,5 RSC 40/16 RSC 401/9 RSC 401/11 RSC 401/11 RSC 401/11 RSC 401/13,5 RSC 401/16 RSF 40/13,5-02 RSF 40/13,5-02	20-03/* M (3 + PE) Female RKC 40/9 RKC 40/11 RKC 40/13,5 RKC 40/16	RSWRKW 5-pole Male RSC 50/9 RSC 50/11 RSC 50/13,5 RSC 50/16 RSC 501/9 RSC 501/11 RSC 501/13,5 RSC 501/16 RSF 50/11-04 RSF 50/13,5-04 RS 50-04/*M RSW 50-04/*M	RKC 50/9 RKC 50/11 RKC 50/11 RKC 50/13,5 RKC 50/16 RKF 50/11-04 RKF 50/13,5-04	
Straight-to-angled, external threads Angled-to-angled, external threads 7/8" Series 1. Choose Coding 2. Choose Design Field Attachables Straight, screw type, PG 9, external threads Straight, screw type, PG 11, external threads Straight, screw type, PG 13.5, external threads Straight, screw type, PG 16, external threads Straight, screw type, PG 9, internal threads Straight, screw type, PG 11, internal threads Straight, screw type, PG 13.5, internal threads Straight, screw type, PG 16, internal threads Straight, screw type, PG 16, internal threads Straight, screw type, PG 13.5, internal threads Straight, screw type, PG 13.5, internal threads Straight, screw type, PG 13.5, internal threads Receptacles Front mount, with stranded wire, PG 11 Front mount, with stranded wire, PG 13.5 Single-Ended Cordsets Straight, external threads Angled, external threads Straight, internal threads	RSWRKW 4-pole Male RSC 40/9 RSC 40/11 RSC 40/13,5 RSC 40/16 RSC 401/9 RSC 401/11 RSC 401/11 RSC 401/13,5 RSC 401/16 RSF 40/13,5 RSC 401/16 RSF 40/13,5 RSC 401/16 RSF 40/13,5-02	20-03/* M (3 + PE) Female RKC 40/9 RKC 40/11 RKC 40/13,5 RKC 40/16	RSWRKW 5-pole Male RSC 50/9 RSC 50/11 RSC 50/13,5 RSC 50/16 RSC 501/9 RSC 501/11 RSC 501/13,5 RSC 501/11 RSC 501/13,5 RSC 501/14 RSF 50/11-04 RSF 50/13,5-04 RSF 50/13,5-04 RS 50-04/*M RSW 50-04/*M RSW 50-04/*M	RKC 50/9 RKC 50/11 RKC 50/11 RKC 50/13,5 RKC 50/16 RKF 50/13,5-04 RK 50-04/*M RKW 50-04/*M RK 501-04/*M	
Straight-to-angled, external threads Angled-to-angled, external threads 7/8" Series 1. Choose Coding 2. Choose Design Field Attachables Straight, screw type, PG 9, external threads Straight, screw type, PG 11, external threads Straight, screw type, PG 13.5, external threads Straight, screw type, PG 16, external threads Straight, screw type, PG 11, internal threads Straight, screw type, PG 13.5, internal threads Straight, screw type, PG 16, internal threads Straight, screw type, PG 16, internal threads Straight, screw type, PG 16, internal threads Straight, with stranded wire, PG 11 Front mount, with stranded wire, PG 13.5 Single-Ended Cordsets Straight, external threads Angled, external threads Angled, internal threads Angled, internal threads	RSWRKW 4-pole Male RSC 40/9 RSC 40/11 RSC 40/13,5 RSC 40/16 RSC 401/9 RSC 401/11 RSC 401/11 RSC 401/11 RSC 401/13,5 RSC 401/16 RSF 40/13,5 RSC 401/16 RSF 40/13,5 RSF 40/13,5-02	20-03/* M (3 + PE) Female RKC 40/9 RKC 40/11 RKC 40/13,5 RKC 40/16	RSWRKW 5-pole Male RSC 50/9 RSC 50/11 RSC 50/13,5 RSC 50/16 RSC 501/9 RSC 501/11 RSC 501/13,5 RSC 501/16 RSF 50/11-04 RSF 50/13,5-04 RS 50-04/*M RSW 50-04/*M	RKC 50/9 RKC 50/11 RKC 50/11 RKC 50/13,5 RKC 50/16 RKF 50/11-04 RKF 50/13,5-04	
Straight-to-angled, external threads 7/8" Series 1. Choose Coding 2. Choose Design Field Attachables Straight, screw type, PG 9, external threads Straight, screw type, PG 11, external threads Straight, screw type, PG 13.5, external threads Straight, screw type, PG 16, external threads Straight, screw type, PG 11, internal threads Straight, screw type, PG 13.5, internal threads Straight, screw type, PG 16, internal threads Straight, screw type, PG 11 Front mount, with stranded wire, PG 11 Front mount, with stranded wire, PG 13.5 Single-Ended Cordsets Straight, external threads Angled, external threads Angled, internal threads Double-Ended Cordsets	RSWRKW 4-pole Male RSC 40/9 RSC 40/11 RSC 40/13,5 RSC 40/16 RSC 401/9 RSC 401/11 RSC 401/11 RSC 401/11 RSC 401/13,5 RSC 401/16 RSF 40/11-02 RSF 40/13,5-02 RS 40-02/*M RSW 40-02/*M RSW 40-02/*M RSW 401-02/*M	20-03/* M (3 + PE) Female RKC 40/9 RKC 40/11 RKC 40/13,5 RKC 40/16 RKF 40/11-02 RKF 40/13,5-02 RK 40-02/*M RKW 40-02/*M RKW 401-02/*M RKW 401-02/*M	RSWRKW 5-pole Male RSC 50/9 RSC 50/11 RSC 50/13,5 RSC 50/16 RSC 501/9 RSC 501/11 RSC 501/11 RSC 501/13,5 RSC 501/16 RSF 50/11-04 RSF 50/13,5-04 RSF 50/13,5-04 RSF 50/14-04/*M RSW 50-04/*M RSW 50-04/*M RSW 501-04/*M	RKC 50/9 RKC 50/11 RKC 50/11 RKC 50/13,5 RKC 50/16 RKF 50/13,5-04 RK 50-04/*M RKW 50-04/*M RKW 501-04/*M	
Straight-to-angled, external threads Angled-to-angled, external threads 7/8" Series 1. Choose Coding	RSWRKW 4-pole Male RSC 40/9 RSC 40/11 RSC 40/13,5 RSC 40/16 RSC 401/9 RSC 401/11 RSC 401/13,5 RSC 401/16 RSF 40/11-02 RSF 40/13,5-02 RS 40-02/*M RSW 40-02/*M RSW 40-02/*M RSW 401-02/*M RSW 401-02/*M	20-03/* M (3 + PE) Female RKC 40/9 RKC 40/11 RKC 40/13,5 RKC 40/16	RSWRKW 5-pole Male RSC 50/9 RSC 50/11 RSC 50/13,5 RSC 50/16 RSC 501/9 RSC 501/11 RSC 501/13,5 RSC 501/11 RSC 501/14 RSC 501/14 RSC 501/14 RSF 50/13,5-04 RSF 50/13,5-04 RSF 50/13,5-04 RSS 50-04/*M RSW 50-04/*M RSW 50-04/*M RSW 501-04/*M RSW 501-04/*M	RKC 50/9 RKC 50/11 RKC 50/11 RKC 50/13,5 RKC 50/16 RKF 50/13,5-04 RK 50-04/*M RKW 50-04/*M RK 501-04/*M	

Blue highlighted product features are available in different variants. Please see page 24 for more information.







Rectangular Connectors ST Series

Rely on the original - market leading for decades

Conforming to IEC 60335, the latest standards for household appliances, the ST Series sets the standard in building automation applications. This makes it an ideal first choice for sun shades and roller blind systems.



The Benefits

Prepared for any weather -

especially designed to withstand the challenges of outdoor usages, e.g. rain, ozone and UV radiation

Easy to connect – low installation efforts lead to more ease of use and an efficient work flow

Easy to rely on – ideally suited for ruggedized, moving applications where vibrations and dust are commonplace

Markets

- Building automation
- Machine building
- Automation





Technical Information

ST Series	S	3-pole (2 + PE)	4-pole (3 + PE)	5-pole (4 + PE)	6-pole (5 + PE)
T	General Data				
±0/	No. of Pins	2 + PE	3 + PE	4 + PE	5 + PE
•	Cable-Gland (field attachable)	PG 7	PG 11	Male: M16x1.5 Female: PG 11	PG 11
	Cable-Range (field attachable)	ø 4.0 mm to 6.5 mm	ø 6.0 mm to 10.0 mm	ø 6.0 mm to 10.0 mm	ø 8.0 mm to 10.0 mm
	Terminal Type (field attachable)	Screw	Screw	Screw	Crimp
	Conductor Size (field attachable)	max. 1.5 mm²	max. 1.5 mm ²	max. 1.5 mm ²	max. 1.0 mm ²
	Cable Material (molded)	H05RR	H05RR	H05RR	-
	Conductor Size (molded)	0.75 mm²	0.75 mm²	0.75 mm ²	-
	Housing Color	Grey, Black	Grey, Black	Grey, Black	Grey, Black
	Electrical Data				
	Operating Voltage	230 V AC/DC	400 V AC/230 V DC	400 V AC/230 V DC	400 V AC/230 V DC
	Current	Molded: 10 A AC/DC Field attachable: 16 A AC/6 A DC Receptacle: 16 A AC/6 A DC	Molded: 10 A AC/DC Field attachable: 16 A AC/10 A DC Receptacle: 16 A AC/10 A DC	10 A AC/10 A DC	10 A DC/6 A AC
小性	Environmental Data				
以於	Ambient Temperature*	-30 °C to +90 °C	-30 °C to +90 °C	-30 °C to +90 °C	-30 °C to +90 °C
/ K)	Protection Degree	IP54	IP54	IP54	IP54
	Approvals	Molded: VDE Field attachable: VDE, UL, SEV Receptacle: VDE, UL, SEV	Molded: VDE Field attachable: VDE, UL, SEV Receptacle: UL, VDE	Molded: VDE Field attachable: VDE, UL, SEV	VDE, SEV

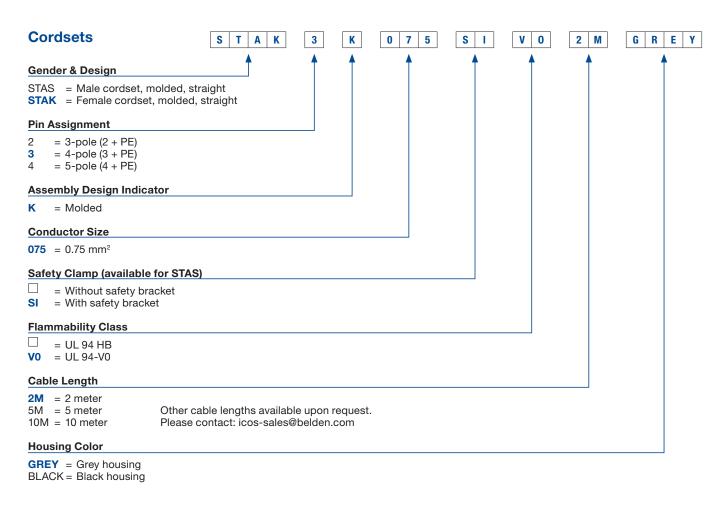
^{*} Notice derating and cable temperature

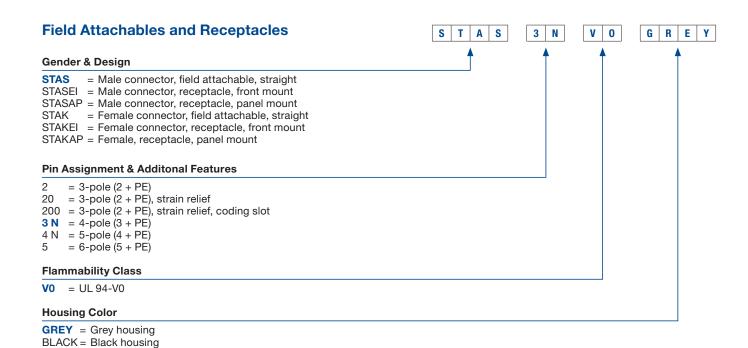






Product Configurator









Order Overview

ST Series	3-pole ((2 + PE)	4-pole (4-pole (3 + PE)	
	Male	Female	Male	Female	
1. Choose Coding					
2. Choose Design					
Field Attachables					
Straight	STAS 2 VO Grey	STAK 2 VO Grey	-	_	
Straight with strain relief	STAS 20 VO Grey	STAK 20 VO Grey	STAS 3 N VO Grey	STAK 3 N VO Grey	
Straight with strain relief and coding slot	STAS 200 VO Grey	STAK 200 VO Grey	-	_	
Receptacles					
Panel mount, screw type	STASAP 2 B VO Grey	STAKAP 2 VO Grey	STASAP 3 N VO Grey	STAKAP 3 N VO Grey	
Panel mount, screw type with coding slot	STASAP 200 VO Grey	STAKAP 200 VO Grey	-	_	
Panel mount, crimp type	-	_	-	_	
Front mount with flange, screw type	STASEI 2 VO Grey	STAKEI 2 VO Grey	STASEI 3 N VO Grey	STAKEI 3 N VO Grey	
Front mount with flange, screw type with coding slot	STASEI 200 VO Grey	STAKEI 200 VO Grey	-	_	
Front mount with flange, crimp type	-	_	-	_	
Single-Ended Cordsets					
Straight	-	_	_	STAK 3 K 075 V0 * M Gre	
Straight with safety bracket	STAS 2 K 075 SI V0 * M Grey	_	STAS 3 K 075 SI V0 * M Grey	_	
Accessories	,				
Safety bracket	STA	SI 2	STA	SI 3	
ST Series	5-pole (6-pole (5 + PE)		
	Male	Female	Male	Female	
				Tomaio	
1. Choose Coding 2. Choose Design				Tomac	
2. Choose Design					
2. Choose Design				- Tomate	
2. Choose Design Field Attachables Straight	- STAS 4 N VO Grey	STAK 4 N VO Grey	STAS 5 VO Grey	STAK 5 VO Grey	
2. Choose Design Field Attachables Straight Straight with strain relief	STAS 4 N VO Grey		STAS 5 VO Grey		
Field Attachables Straight with strain relief Straight with strain relief and coding slot		STAK 4 N VO Grey		STAK 5 VO Grey	
- ,		STAK 4 N VO Grey		STAK 5 VO Grey	
Field Attachables Straight Straight with strain relief Straight with strain relief and coding slot Receptacles Panel mount, screw type		STAK 4 N VO Grey	-	STAK 5 VO Grey	
Field Attachables Straight Straight with strain relief Straight with strain relief and coding slot Receptacles Panel mount, screw type Panel mount, screw type with coding slot	-	STAK 4 N VO Grey -	-	STAK 5 VO Grey	
Field Attachables Straight Straight with strain relief Straight with strain relief and coding slot Receptacles Panel mount, screw type Panel mount, crimp type	- - -	STAK 4 N VO Grey	- - -	STAK 5 VO Grey -	
Field Attachables Straight Straight with strain relief Straight with strain relief and coding slot Receptacles Panel mount, screw type Panel mount, screw type with coding slot Panel mount, crimp type Front mount with flange, screw type	- - - -	STAK 4 N VO Grey	- - - STASAP 5 V0 Grey	STAK 5 VO Grey - STAKAP 5 VO Grey	
Field Attachables Straight Straight with strain relief Straight with strain relief and coding slot Receptacles Panel mount, screw type Panel mount, screw type with coding slot Panel mount, screw type with coding slot Panel mount, screw type Front mount with flange, screw type Front mount with flange, screw type with coding slot	- - - -	STAK 4 N VO Grey	STASAP 5 VO Grey -	STAK 5 VO Grey - STAKAP 5 VO Grey	
Field Attachables Straight Straight with strain relief Straight with strain relief and coding slot Receptacles Panel mount, screw type Panel mount, screw type with coding slot Panel mount, screw type with coding slot Front mount with flange, screw type with coding slot Front mount with flange, screw type with coding slot Front mount with flange, crimp type	- - - - -	STAK 4 N VO Grey	- STASAP 5 VO Grey	STAK 5 VO Grey - STAKAP 5 VO Grey	
Field Attachables Straight Straight with strain relief Straight with strain relief and coding slot Receptacles Panel mount, screw type Panel mount, screw type with coding slot Panel mount, crimp type Front mount with flange, screw type with coding slot Front mount with flange, screw type with coding slot Front mount with flange, crimp type Single-Ended Cordsets	- - - - -	STAK 4 N VO Grey	- STASAP 5 VO Grey	STAK 5 VO Grey - STAKAP 5 VO Grey	
Field Attachables Straight Straight with strain relief Straight with strain relief and coding slot Receptacles Panel mount, screw type Panel mount, screw type Panel mount, crimp type Front mount with flange, screw type with coding slot Front mount with flange, screw type with coding slot Front mount with flange, screw type Front mount with flange, crimp type Single-Ended Cordsets Straight	- - - - - -	STAK 4 N VO Grey	STASAP 5 VO Grey - STASEI 5 VO Grey	STAK 5 VO Grey - STAKAP 5 VO Grey - STAKEI 5 VO Grey	
Field Attachables Straight Straight with strain relief Straight with strain relief and coding slot Receptacles	- - - - - - -	STAK 4 N VO Grey STAK 4 K 075 VO * M Grey	STASAP 5 VO Grey - STASEI 5 VO Grey	STAK 5 VO Grey - STAKAP 5 VO Grey - STAKEI 5 VO Grey	
Field Attachables Straight Straight with strain relief Straight with strain relief and coding slot Receptacles Panel mount, screw type Panel mount, screw type Panel mount, crimp type Front mount with flange, screw type Front mount with flange, screw type with coding slot Front mount with flange, screw type Single-Ended Cordsets Straight Straight with safety bracket	- - - - - - -	STAK 4 N VO Grey STAK 4 K 075 VO * M Grey -	STASAP 5 VO Grey - STASEI 5 VO Grey	STAK 5 VO Grey - STAKAP 5 VO Grey - STAKEI 5 VO Grey	

Blue highlighted product features are available in different variants. Please see page 28 for more information.





Circular Connectors M23 Series

A perfect match – Power and Signal transmission in one interfaces

The powerful M23 Series makes it safe and easy to connect actuator/sensor and fieldbus modules. By virtue of their robust features, these connectors are ideal for applications in harsh industrial environments.



The Benefits

Braving any temperature -

well-suited for climatic peaks from climate chambers to ovens

Efficient solution – due to fast, multi-pole connection interfaces; ideal for automation applications

Flexible solutions – including straight and angled molded as well as field attachable versions

Markets

- Machine building
- Automation
- Automotive
- Infrastructure





Technical Information

M23 Seri	es	12-pole	19-pole
T	General Data		
TOX	No. of Pins	Molded: 11 + PE Field attachable: 12	Molded: 18 + PE Field attachable: 19
	Cable-Gland (field attachable)	PG 13.5	PG 13.5
	Cable-Range (field attachable)	ø 10.0 mm to 14.0 mm	ø 10.0 mm to 14.0 mm
	Terminal Type (field attachable)	Solder	Solder
	Conductor Size (field attachable)	max. 1 mm²	max. 16X1 mm²/3X1.5 mm²
	Cable Material (molded)	PUR	PUR
	Conductor Size (molded)	8G0.5 mm²/3X1 mm²	16G0.5 mm²/3X1.0 mm²
	Housing Color	Field attachable: Silver Molded: Black	Field attachable: Silver Molded: Black
	Electrical Data		
	Operating Voltage	120 V AC/DC	120 V AC/DC
,—	Current	8 A AC/DC	Field attachable: 16 x 8 A/3 x 10 A AC/DC Molded: 16 x 8 A/3 x 10 A AC/DC
小性	Environmental Data		
不	Ambient Temperature*	Field attachable: -40 °C to +125 °C Molded: -25 °C to +80 °C	Field attachable: -40 °C to +125 °C Molded: -25 °C to +80 °C
	Protection Degree	Field attachable: IP65 Molded: IP67	Field attachable: IP65 Molded: IP67
	Approvals	-	-

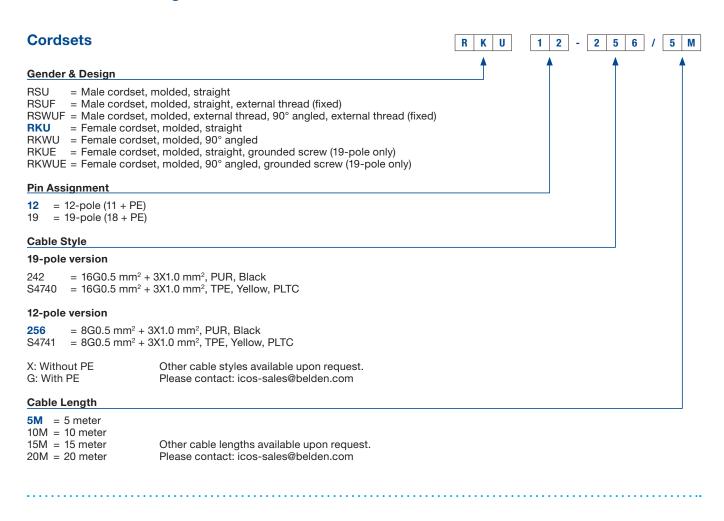
 $[\]ensuremath{^{\star}}$ Notice derating and cable temperature

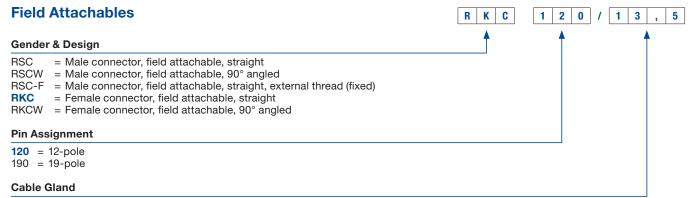






Product Configurator





13,5 = PG 13.5





Order Overview

M23 Series	12-pole ((11 + PE)	19-pole	(18 + PE)
	Male	Female	Male	Female
1. Choose Coding 2. Choose Design				
Field Attachables				
Straight PG 13.5	RSC 120/13,5	RKC 120/13,5	RSC 190/13,5	RKC 190/13,5
Straight, external thread (fixed) PG 13.5	RSC-F-120/13,5	_	RSC-F-190/13,5	_
Angled PG 13.5	_	RKCW 120/13,5	RSCW 190/13,5	RKCW 190/13,5
Single-Ended Cordsets				
Straight	RSU 12-256/* M	RKU 12-256/* M	RSU 19-242/* M	RKU 19-242/* M
Straight, external thread (fixed)	RSUF 12-256/* M	_	RSUF 19-242/* M	_
Straight, grounded screw connection	_	_	-	RKUE 19-242/* M
Angled	RSWU 12-256/* M	RKWU 12-256/* M	RSWU 19-242/* M	RKWU 19-242/* M
Angled, external thread (fixed)	RSWUF 12-256/* M	_	RSWUF 19-242/* M	_
Angled, grounded screw connection	_	_	_	RKWUE 19-242/* M
Double-Ended Cordsets				
Straight-to-straight	RSU 12-RKU	I 12-256/* M	RSU 19-RKU	J 19- <mark>242</mark> /* M
Straight-to-straight (Male with fixed external thread)	RSUF 12-RKI	J 12-256/* M	RSUF 19-RK	U 19- <mark>242</mark> /* M
Straight-to-angled	RSU 12-RKW	U 12-256/* M	RSU 19-RKW	/U 19- <mark>242</mark> /* M
Straight-to-angled (Male with fixed external thread)	RSUF 12-RKW	/U 12-256/* M	RSUF 19-RKV	VU 19-242/* M
Angled-to-angled	RSWU 12-RKV	VU 12-256/* M	RSWU 19-RKV	NU 19- <mark>242/*</mark> M
Accessories				
Spanner (for field attachable version)		ZM	S 19	
Safety cab (for external thread version)		ZV	'K 2	

Blue highlighted product features are available in different variants. Please see page 32 for more information.









Circular Connectors Mini Power Series*

Full power ahead – for your industrial automation processes

With the Mini Power connectivity and power solution, you can easily set up, maintain or expand your system, while maximizing uptime in harsh conditions.



The Benefits

Maximum output – enabling the transmission of up to 30 A per contact

Long-distance power – works in environments with wet or dry areas or extreme temperatures

Time-saving – ready-to-install already terminated cordsets and connectors

Markets

- Machine building
- Automation
- Transportation
- Automotive

^{*}only available in the US





Technical Information

ni Pow	ver Series	A-Size 3-pole	A-Size 4-pole	D-Size 3-pole	D-Size 4-pole
	General Data		_		_
2/	No. of Pins	3 (2 + PE)	4 (3 + PE)	3 (2 + PE)	4 (3 + PE)
	Cable-Gland (field attachable)	_	-	-	_
	Cable-Range (field attachable)	-	-	-	_
	Terminal Type (field attachable)	-	-	-	_
	Conductor Size (field attachable)	_	-	-	_
	Cable Material (molded)	TPE	TPE	TPE	TPE
	Conductor Size (molded)	14 AWG	14 AWG	10 AWG	10 AWG
	Housing Color	Black, Red	Black	Black, Red	Black
7 \	Electrical Data				
	Operating Voltage	600 V AC/DC	600 V AC/DC	600 V AC/DC	600 V AC/DC
	Current	18 A AC/DC	15 A AC/DC	30 A AC/DC	25 A AC/DC
此	Environmental Data				
、深	Ambient Temperature*	-30 °C to +90 °C			
/ K	Protection Degree	IP67, IP68	IP67, IP68	IP67, IP68	IP67, IP68
	Approvals	UL	UL	UL	UL

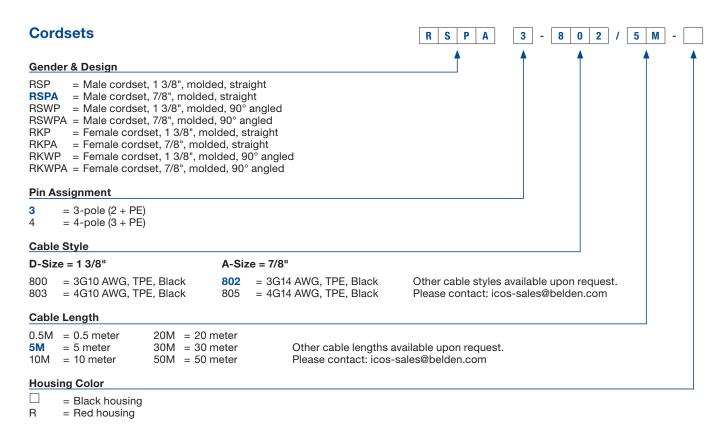
^{*} Notice derating and cable temperature

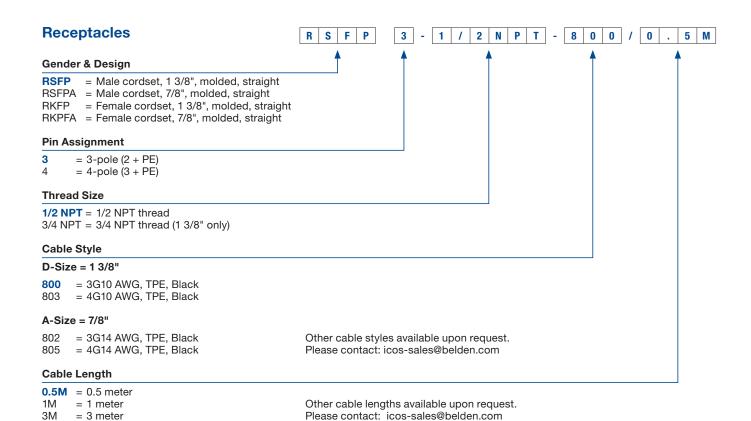






Product Configurator









Order Overview

Mini Power Series	D-Size 3-p	ole (2 + PE)	D-Size 4-p	ole (3 + PE)
	Male	Female	Male	Female
1. Choose Coding 2. Choose Design				
Receptacles				
Front mount 1/2 NPTF	RSFP 3-1/2NPT-800/*M	RKFP 3-1/2NPT-800/*M	RSFP 4-1/2NPT-803/*M	RKFP 4-1/2NPT-803/*N
Front mount 3/4 NPTF	RSFP 3-3/4NPT-800/*M	RKFP 3-3/4NPT-800/*M	RSFP 4-3/4NPT-803/*M	RKFP 4-3/4NPT-803/*N
Single-Ended Cordsets				
Straight	RSP 3-800/*M	RKP 3-800/*M	RSP 4-803/*M	RKP 4-803/*M
Angled	RSWP 3-800/*M	RKWP 3-800/*M	RSWP 4-803/*M	RKWP 4-803/*M
Double-Ended Cordsets		I		
Straight-to-straight	RSP 3-RKI	P 3-800/*M	RSP 4-RKF	P 4-803/*M
Straight-to-angled		/P 3-800/*M		P 4-803/*M
Angled-to-straight		(P 3-800/*M		P 4-803/*M
Angled-to-angled		WP 3-800/*M		VP 4-803/*M
Straight-to-Straight D-to-A-Size		A 3-802/*M		PA 4-805/*M
Accessories	1101 0 11111	710 0027 W	nor r min	7. 1 0007 111
Drop Tee Male-Female-Female	TAP_E	P 3 (-R)	TAP	-P 4
D-to-A-Size Reducer		KPA 3 (-R)		RKPA 4
Reducing Drop Tee Male-Female-Female		A 3 (-R)		
			TAP-PA 4	
Reducing Cable Drop Tee Male-Female-Female	TAP-PA 3-	802/*M (-R)		I-804/*M
• '	TAP-PA 3- A-Size 3-p	802/*M (-R)	A-Size 4-p	ole (3 + PE)
Reducing Cable Drop Tee Male-Female-Female	TAP-PA 3-	802/*M (-R)		
Mini Power Series 1. Choose Coding 2. Choose Design	TAP-PA 3- A-Size 3-p	802/*M (-R)	A-Size 4-p	ole (3 + PE)
Mini Power Series 1. Choose Coding 2. Choose Design Receptacles	A-Size 3-p Male	802/*M (-R) ole (2 + PE) Female	A-Size 4-po	pole (3 + PE) Female
Mini Power Series 1. Choose Coding 2. Choose Design Receptacles Front mount 1/2 NPTF	TAP-PA 3- A-Size 3-p	802/*M (-R)	A-Size 4-p	ole (3 + PE)
Mini Power Series 1. Choose Coding 2. Choose Design Receptacles Front mount 1/2 NPTF Front mount 3/4 NPTF	A-Size 3-p Male RSFPA 3-1/2NPT-802/*M	802/*M (-R) ole (2 + PE) Female RKFPA 3-1/2NPT-802/*M	A-Size 4-po Male RSFPA 4-1/2NPT-805/*M	Female RKFPA 4-1/2NPT-805/*N
Mini Power Series 1. Choose Coding 2. Choose Design Receptacles Front mount 1/2 NPTF Front mount 3/4 NPTF Single-Ended Cordsets	A-Size 3-p Male RSFPA 3-1/2NPT-802/*M —	802/*M (-R) ole (2 + PE) Female RKFPA 3-1/2NPT-802/*M —	A-Size 4-po Male RSFPA 4-1/2NPT-805/*M -	Female RKFPA 4-1/2NPT-805/*N
Mini Power Series 1. Choose Coding 2. Choose Design Receptacles Front mount 1/2 NPTF Front mount 3/4 NPTF Single-Ended Cordsets Straight	A-Size 3-p Male RSFPA 3-1/2NPT-802/*M - RSPA 3-802/*M	RKFPA 3-1/2NPT-802/*M RKPA 3-802/*M	A-Size 4-po Male RSFPA 4-1/2NPT-805/*M RSPA 4-805/*M	RKFPA 4-1/2NPT-805/*M
Mini Power Series 1. Choose Coding 2. Choose Design Receptacles Front mount 1/2 NPTF Front mount 3/4 NPTF Single-Ended Cordsets Straight Angled	A-Size 3-p Male RSFPA 3-1/2NPT-802/*M —	802/*M (-R) ole (2 + PE) Female RKFPA 3-1/2NPT-802/*M —	A-Size 4-po Male RSFPA 4-1/2NPT-805/*M -	Female RKFPA 4-1/2NPT-805/*N
Acceptacles Teront mount 1/2 NPTF Front mount 3/4 NPTF Single-Ended Cordsets Double-Ended Cordsets Double-Ended Cordsets	RSFPA 3-1/2NPT-802/*M RSPA 3-802/*M RSWPA 3-802/*M	RKFPA 3-1/2NPT-802/*M RKPA 3-802/*M RKWPA 3-802/*M	A-Size 4-po Male RSFPA 4-1/2NPT-805/*M RSPA 4-805/*M RSWPA 4-805/*M	RKFPA 4-1/2NPT-805/*N
Acade Cordsets Reducing Cable Drop Tee Male-Female-Female 1. Choose Coding 2. Choose Design Receptacles Front mount 1/2 NPTF Front mount 3/4 NPTF Single-Ended Cordsets Straight Angled Double-Ended Cordsets Straight-to-straight	RSFPA 3-1/2NPT-802/*M RSPA 3-802/*M RSWPA 3-802/*M RSWPA 3-RKI	RKFPA 3-1/2NPT-802/*M RKPA 3-802/*M RKWPA 3-802/*M RKWPA 3-802/*M	A-Size 4-po Male RSFPA 4-1/2NPT-805/*M RSPA 4-805/*M RSWPA 4-805/*M RSPA 4-RKF	RKFPA 4-1/2NPT-805/*M RKWPA 4-805/*M
Mini Power Series 1. Choose Coding 2. Choose Design Receptacles Front mount 1/2 NPTF Front mount 3/4 NPTF Single-Ended Cordsets Straight Angled Double-Ended Cordsets Straight-to-straight Straight-to-angled	RSFPA 3-1/2NPT-802/*M RSPA 3-802/*M RSWPA 3-802/*M RSPA 3-RKI	RKFPA 3-1/2NPT-802/*M RKPA 3-802/*M RKWPA 3-802/*M PA 3-802/*M	A-Size 4-po Male RSFPA 4-1/2NPT-805/*M - RSPA 4-805/*M RSWPA 4-805/*M RSPA 4-RKF	RKFPA 4-1/2NPT-805/*M RKWPA 4-805/*M PA 4-805/*M PA 4-805/*M
Mini Power Series 1. Choose Coding 2. Choose Design Receptacles Front mount 1/2 NPTF Front mount 3/4 NPTF Single-Ended Cordsets Straight Angled Double-Ended Cordsets Straight-to-straight Straight-to-angled Angled-to-straight	RSFPA 3-1/2NPT-802/*M RSPA 3-802/*M RSWPA 3-802/*M RSPA 3-RKW RSWPA 3-RKW	RKFPA 3-1/2NPT-802/*M RKFPA 3-802/*M RKWPA 3-802/*M PA 3-802/*M PA 3-802/*M PA 3-802/*M PA 3-802/*M	A-Size 4-po Male RSFPA 4-1/2NPT-805/*M RSPA 4-805/*M RSWPA 4-805/*M RSPA 4-RKW RSWPA 4-RKW	RKFPA 4-1/2NPT-805/*N RKPA 4-805/*M RKWPA 4-805/*M PA 4-805/*M PA 4-805/*M PA 4-805/*M
Angled-to-angled Mini Power Series 1. Choose Coding 2. Choose Design Receptacles Front mount 1/2 NPTF Front mount 3/4 NPTF Single-Ended Cordsets Straight Angled Double-Ended Cordsets Straight-to-straight Angled-to-angled Angled-to-angled	RSFPA 3-1/2NPT-802/*M RSPA 3-802/*M RSWPA 3-802/*M RSWPA 3-RKW RSWPA 3-RKW RSWPA 3-RKW	RKFPA 3-1/2NPT-802/*M RKFPA 3-1/2NPT-802/*M RKWPA 3-802/*M PA 3-802/*M (PA 3-802/*M RPA 3-802/*M RPA 3-802/*M RPA 3-802/*M	A-Size 4-po Male RSFPA 4-1/2NPT-805/*M RSPA 4-805/*M RSWPA 4-805/*M RSPA 4-RKW RSWPA 4-RKW RSWPA 4-RKW	RKFPA 4-1/2NPT-805/*I RKFPA 4-1/2NPT-805/*I RKPA 4-805/*M RKWPA 4-805/*M PA 4-805/*M PA 4-805/*M PA 4-805/*M PA 4-805/*M PA 4-805/*M
Angled-to-angled Straight-to-Straight D-to-A-Size	RSFPA 3-1/2NPT-802/*M RSPA 3-802/*M RSWPA 3-802/*M RSWPA 3-RKW RSWPA 3-RKW RSWPA 3-RKW	RKFPA 3-1/2NPT-802/*M RKFPA 3-802/*M RKWPA 3-802/*M PA 3-802/*M PA 3-802/*M PA 3-802/*M PA 3-802/*M	A-Size 4-po Male RSFPA 4-1/2NPT-805/*M RSPA 4-805/*M RSWPA 4-805/*M RSPA 4-RKW RSWPA 4-RKW RSWPA 4-RKW	RKFPA 4-1/2NPT-805/*N RKPA 4-805/*M RKWPA 4-805/*M PA 4-805/*M PA 4-805/*M PA 4-805/*M
Mini Power Series 1. Choose Coding 2. Choose Design Receptacles Front mount 1/2 NPTF Front mount 3/4 NPTF Single-Ended Cordsets Straight Angled Double-Ended Cordsets Straight-to-straight Straight-to-angled Angled-to-straight Angled-to-angled Straight-to-Straight D-to-A-Size Accessories	RSFPA 3-1/2NPT-802/*M RSPA 3-802/*M RSWPA 3-802/*M RSWPA 3-RKR RSWPA 3-RKR RSWPA 3-RKR	RKFPA 3-1/2NPT-802/*M RKFPA 3-1/2NPT-802/*M RKWPA 3-802/*M PA 3-802/*M	A-Size 4-po Male RSFPA 4-1/2NPT-805/*M RSPA 4-805/*M RSWPA 4-805/*M RSPA 4-RKF RSPA 4-RKW RSWPA 4-RKW RSWPA 4-RKW	RKFPA 4-1/2NPT-805/*I RKFPA 4-1/2NPT-805/*I RKPA 4-805/*M RKWPA 4-805/*M PA 4-805/*M PA 4-805/*M PA 4-805/*M A 4-805/*M
Reducing Cable Drop Tee Male-Female Mini Power Series 1. Choose Coding 2. Choose Design Receptacles Front mount 1/2 NPTF Front mount 3/4 NPTF Single-Ended Cordsets Straight Angled Double-Ended Cordsets Straight-to-straight Straight-to-angled Angled-to-angled Angled-to-angled Straight-to-Straight D-to-A-Size Accessories Drop Tee Male-Female	RSFPA 3-1/2NPT-802/*M RSPA 3-802/*M RSWPA 3-802/*M RSWPA 3-RKR RSWPA 3-RKW RSWPA 3-RKF RSWPA 3-RKF RSWPA 3-RKF RSWPA 3-RKF RSWPA 3-RKF	RKFPA 3-1/2NPT-802/*M RKFPA 3-1/2NPT-802/*M RKWPA 3-802/*M PA 3-802/*M PA 3-802/*M PA 3-802/*M PA 3-802/*M RA 3-802/*M RA 3-802/*M RA 3-802/*M	A-Size 4-po Male RSFPA 4-1/2NPT-805/*M RSPA 4-805/*M RSWPA 4-805/*M RSPA 4-RKW RSWPA 4-RKW RSWPA 4-RKW RSWPA 4-RKW RSP 4-RKW	RKFPA 4-1/2NPT-805/*I RKFPA 4-1/2NPT-805/*I RKPA 4-805/*M RKWPA 4-805/*M PA 4-805/*M PA 4-805/*M PA 4-805/*M A 4-805/*M A 4-805/*M
Mini Power Series 1. Choose Coding 2. Choose Design Receptacles Front mount 1/2 NPTF Front mount 3/4 NPTF Single-Ended Cordsets Straight Angled Double-Ended Cordsets Straight-to-straight Straight-to-angled Angled-to-straight Angled-to-angled Straight-to-Straight D-to-A-Size Accessories	RSFPA 3-1/2NPT-802/*M RSPA 3-802/*M RSWPA 3-802/*M RSWPA 3-RKI RSPA 3-RKK RSPA 3-RKK RSWPA 3-RKK RSWPA 3-RKK RSWPA 3-RKK	RKFPA 3-1/2NPT-802/*M RKFPA 3-1/2NPT-802/*M RKWPA 3-802/*M PA 3-802/*M	A-Size 4-po Male RSFPA 4-1/2NPT-805/*M RSPA 4-805/*M RSWPA 4-805/*M RSPA 4-RKW RSWPA 4-RKW RSWPA 4-RKW RSWPA 4-RKW RSWPA 4-RKW RSWPA 4-RKW RSWPA 4-RKW	PA 4-805/*M

Blue highlighted product features are available in different variants. Please see page 36 for more information.

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Economical connectivity solutions off the shelf and custom-made

The Connectivity Center

When it comes to automation technologies, we are the experts for quality connectors and wiring components. With an extensive Hirschmann Industrial Connector and Lumberg Automation Connectivity product portfolio, we can offer you a wide range of standard solutions.

Require a specialized solution that does not yet exist or have a problem with your current solution?

Then you simply get in touch with our Connectivity Center: the platform for custom-made solutions developed specifically for your needs. By combining all of our knowledge and internal resources, we will deliver the exact solution you need to smooth out your production process, warrant continuity and reduce Total Cost of Ownership.

The Best Solutions ... Fast!

With a dedicated team of experts, we can meet even the most demanding deadlines and technical challenges. Every month, the Connectivity Center delivers approximately 100 customized solutions for customers worldwide. Some within just two weeks, hardly ever longer than three months. All solutions are guaranteed to have outstanding compact design, chemical resistance as well as high mechanical and electrical loading capacity.













Combined Strength of Three Belden Brands

Belden is a leader in the design, manufacture, and marketing of signal transmission products for data networking and a wide range of industrial connectivity products. Whenever necessary we combine the strength of all three powerful Belden brands: Belden, Hirschmann and Lumberg Automation.



Pushing Technology, Meeting Standards



As a globally active technology leader we can translate the latest trends, insights and developments into custom-fit solutions that give you the competitive advantage you are looking for. Thanks to extensive prototyping and intensive testing in our own facilities, you can be sure national and international standards are met. You can put our solutions straight to work.







About Belden

Belden Inc., a global leader in high quality, end-to-end signal transmission solutions, delivers a comprehensive product portfolio designed to meet the mission-critical network infrastructure needs of industrial, enterprise and broadcast markets. With innovative solutions targeted at reliable and secure transmission of rapidly growing amounts of data, audio and video needed for today's applications, Belden is at the center of the global transformation to a connected world. Founded in 1902, the company is headquartered in St. Louis, USA, and has manufacturing capabilities in North and South America, Europe and Asia.

For more information, visit us at: www.lumberg-automationusa.com 1.800.Belden1

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