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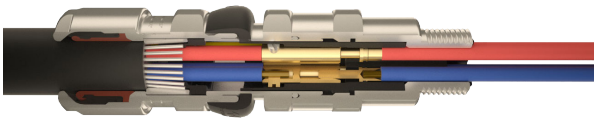
MADE IN BRITAIN

501/RCG

Increased Safety, Dust Protection
Certified ATEX / IECEx / UKEx

International Approvals



1. Quick disconnect pin and socket arrangement inside the body of a gland
2. Reversible Armour Clamp - For all types of armour and braid
3. Patented Cable Gland Tightening Guide - Helps prevent damage caused by over tightening
4. Unique Rear Seal - Offering ultimate sealing over an extremely wide cable acceptance range

The 501/RCG is certified Exe/Ext, and can be used for quick field connection of cables to equipment where historically hard wiring methods are used. The product offers cost savings when carrying out essential inspection and maintenance activities, including the capability to quickly swap out equipment on-site.

501/RCG Selection Table

Body Size	Seal/Ring Size	Inner Sheath	Outer Sheath		Steel Wire Armour/Tape/Braid		Entry Thread	Max Hexagon Dimensions	
		Max	Min	Max	Orientation 1	Orientation 2		Across Flats	Across Corners
4-Pin	Os	8.1	5.5	12	0.8-1.25	0-0.8	M20	24	26.5
	O	11.4	9.5	16	0.8-1.25	0-0.8		24	26.5
	A	14.3	12.5	20.5	0.8-1.25	0-0.8		30	32.5
6-pin	O	11.4	9.5	16	0.8-1.25	0-0.8	M25	24	26.5
	A	14.3	12.5	20.5	0.8-1.25	0-0.8		30	32.5
	B	19.7	16.9	26	1.25-1.6	0-0.7		36	39.5
	B(AR)	19.7	16.9	26	0.9-1.25	0.5-0.9		36	39.5

For Alternative Ring with 6-pin B size add "AR" to end of code string

Technical Data

Ingress Protection	IP66, IP67
Deluge Protection	to DTS01
Voltage Rating	300VAC / 212VDC
Ampage	Dependent on conductor size, see T-Rating Selection Table
Conductor Sizes	0.75mm² - 6mm²
Over Insulation Acceptance Diameters	Entry Side: Ø4.75mm Body Side: Ø5.50mm
Operating Temperature	-60°C to +60°C (may be limited by T-Class)
	ATEX/IECEx
ATEX/IECEx Protection Class	Ex II 2 GD Ex eb IIC T6/T5 Gb, Ex tb IIIC T80°C/95°C Db Suitable for use in Zone 1, Zone 21, Zone 2 and Zone 22
ATEX Certificate No	CML20ATEX3217X
IECEx Certificate No	CML20.0137X
Construction & Test Standards	IEC/EN 60079-0, IEC/EN 60079-7 and IEC/EN 60079-31
Additional Certifications	EAC: RU C-GB.HA91.B.00207/21 Inmetro: IEx 21.0011X UKEx: CML21UKEX3073X

HAWKE International

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HUBBELL Harsh & Hazardous

HKE-DS-501/RCG-V2 May 2021

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Ordering Information

Name	501/RCG	Product Type
Number of Pins	4	4 Pins
	6	6 Pins
Body style	E	Entry (Supplied with Energised Cap)
	B	Body (Supplied with Energised Cap)
	G	Entry and Body (Supplied with Transit Caps)
Contact size Selection only required for Body Style E and G	A	0.75mm2 - 1.5mm2
	B	2.5mm2
	C	4/6mm2
	X	N/A for Bodies
Cable OD Selection only required for Body Style B and G	S	OS (4way)
	O	O (4/6way)
	A	A (4/6way)
	B	B (6way)
	X	N/A for Entries Only

Supplied Brass Nickel Plated as standard
Crimp tool for Entry assembly recommended, order part code HTC2
Insert tool for Entry assembly required, order part code RCGT1
For Alternative threaded entries, a 476 thread adaptor may be required
For additional clamping and to meet IEC EN BS 60079-14 10.3, the GMC can be used with the 501/RCG
When purchasing Entry component, the required conductor size must be specified

Order Example: 501/RCG-4-G-B-A

T-Rating Selection Table

Conductor Size	T6 +60°C	T5 +50°C
0.75mm^2	5A	5A
1.5mm^2	5A	5A
2.5mm^2	10A	16A
4mm^2	12A	18A
6mm^2	20A	30A

- Product Amp Rating is dependent on conductor size used in installation. Product comes marked with all T-ratings as standard
- Other conductor sizes between the sizes of 0.75mm^2 - 6mm^2 may be used.
- If the conductor size is not stated in the table above, the max ampage is restricted to the closest size rounded down.
  E.g. 3mm^2 conductor size would be limited to 10A if used in a T6 classification.
- If a mixture of conductor sizes is used, the ampage must be restricted to the smallest diameter used.
- This product may not be connected or disconnected under load.

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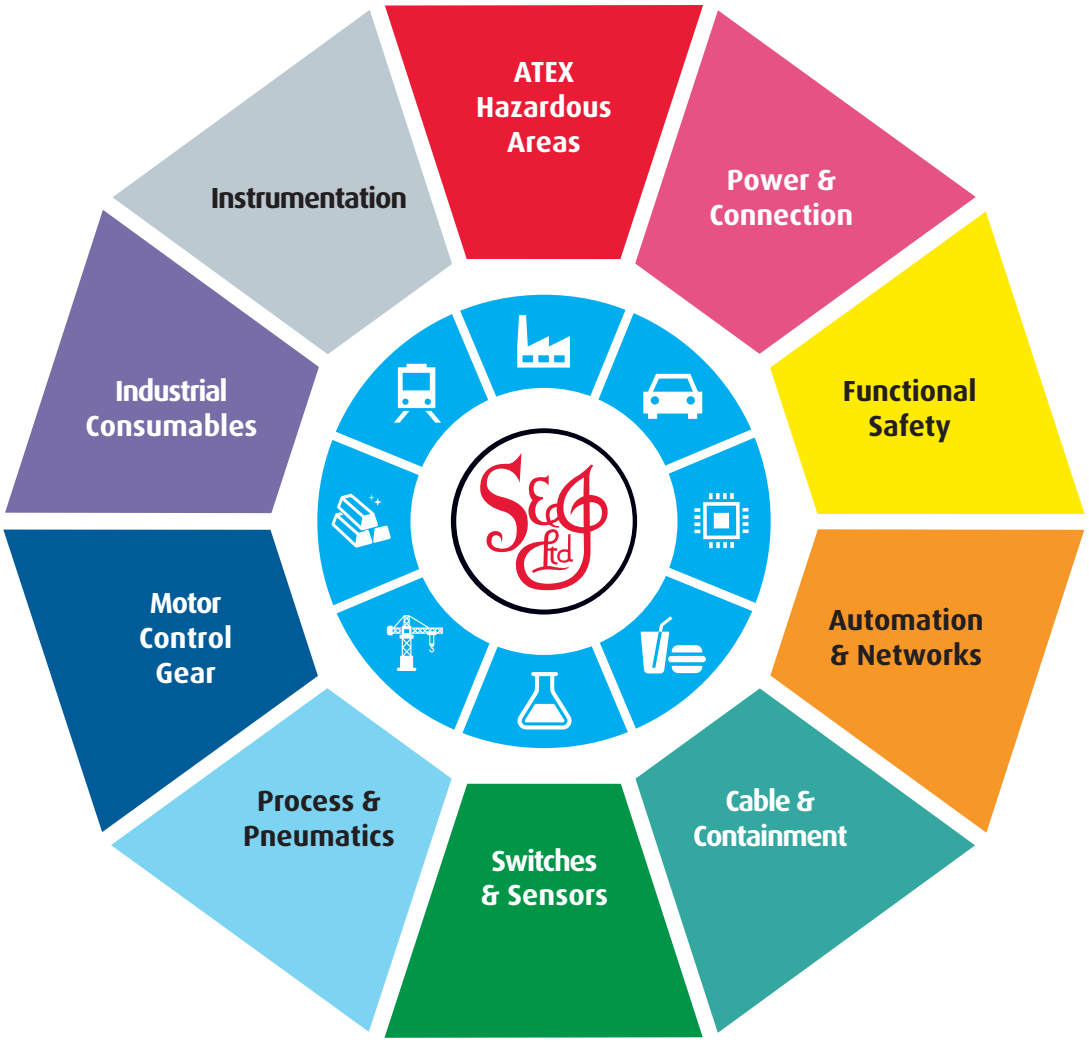

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