

# For frequent uncoupling operations

## Rapid Series

# JAEGER

Connecteurs



Mai-2003

- **Receptacle, plug, cable connecting plug**
- **Locking** : Quick connection of the plug by a spring-loaded coupling system 1/6 turn
- **Protection** : IP 50 to IP 54 with potting compound into the shell and gasket under receptacle.
- **Contacts** : 3 to 17 contacts  $\varnothing$  2mm,  $\varnothing$  3mm and or  $\varnothing$  4mm, with soldering contacts.
- **Max current rating** : 15A  $\varnothing$  2mm, 35A  $\varnothing$  3mm, 50A  $\varnothing$  4mm , in consideration of the number of contacts carrying the current, their diameters, and the temperature increase which is permissible.
- **Contact resistance between pin and socket** :  $<0.0015 \Omega \varnothing$  2mm,  $<0.0010 \Omega \varnothing$  3mm,  $<0.0007 \Omega \varnothing$  4mm

- **Flashover voltage between adjacent contacts** :  $>2500$  V A.C.
- **Flashover voltage between contacts closest to shell and shell** :  $>1500$  V A.C., ( $>2000$  V A.C. 4contacts  $\varnothing$  4mm)
- **Insulation resistance** :  $>5000$  M $\Omega$
- **Operating temperature range** : - 40°C to +100°C (500 hours at +125°C).
- **Raw material** : male and female contacts : Brass with gold finish. body: light metal alloy with nickel finish.
- **Max, wire cross section area** : 1,34 mm<sup>2</sup>  $\varnothing$  2mm - 3,18 mm<sup>2</sup>  $\varnothing$  3mm - 5,26 mm<sup>2</sup>  $\varnothing$  4mm.



### Part numbers : Pin insert receptacles, socket insert plugs and cable connecting plugs, pin insert

Shell size	Contacts number	$\varnothing$ contacts			receptacle pin insert	Socket insert plug	Cable connecting plugs pin insert	Cable clamp ** Type 3	Gaskets for receptacle	Protection caps receptacle	Protection cap socket insert plug	Backshells for receptacle
		$\varnothing$ 2	$\varnothing$ 3	$\varnothing$ 4								
1	3	1	2		536 003 006	532 003 006	532 103 006	630 135 006	536 945 006	536 910 006	532 260 006	536 935 006
1	4	4			536 004 006	532 004 006	532 104 006	630 135 006	536 945 006	536 910 006	532 260 006	536 935 006
1	6	6			536 006 006	532 006 006	532 106 006	630 135 006	536 945 006	536 910 006	532 260 006	536 935 006
2	4*			4	533 755 006	530 755 006	530 752 006	630 138 006	536 946 006	536 911006	532 278 006	536 937 006
2	8	6	2		536 008 006	532 008 006	532 108 006	630 138 006	536 946 006	536 911006	532 278 006	536 937 006
2	12	12			536 012 006	532 012 006	532 112 006	630 138 006	536 946 006	536 911006	532 278 006	536 937 006
3	17	15	2		536 367 006	532 367 006	530 117 006	630 155 006	536 947 006	536 846 006	532 218 006	536 996 006

### Part numbers : Socket insert receptacles, pin insert plugs and cable connecting plugs, socket insert

Shell size	Contacts number	$\varnothing$ contacts			Socket insert receptacle	Pin insert plug	Cable connecting plug, socket insert	Cable clamp ** Type 3	Gaskets for receptacle	Protection caps receptacle	Protection cap pin insert plug	Backshells for receptacle
		$\varnothing$ 2	$\varnothing$ 3	$\varnothing$ 4								
1	3	1	2		536 603 006	532 653 006	530 153 006	630 135 006	536 945 006	536 910 006	532 265 006	536 935 006
1	4	4			536 604 006	532 654 006	530 154 006	630 135 006	536 945 006	536 910 006	532 265 006	536 935 006
1	6	6			536 606 006	532 656 006	530 156 006	630 135 006	536 945 006	536 910 006	532 265 006	536 935 006
2	4*			4	533 760 006	530 754 006	530 753 006	630 138 006	536 946 006	536 911006	532 279 006	536 937 006
2	8	6	2		536 608 006	532 658 006	530 158 006	630 138 006	536 946 006	536 911006	532 279 006	536 937 006
2	12	12			536 612 006	532 662 006	530 162 006	630 138 006	536 946 006	536 911006	532 279 006	536 937 006
3	17	15	2		536 368 006	532 368 006	530 167006	630 155 006	536 947 006	536 846 006	532 218 006	536 996 006

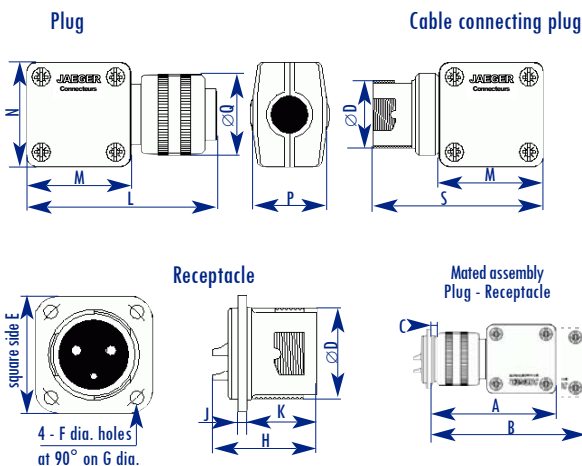
\*The contact No.4 of the receptacle Part No.533 760 006 and that of the cable connecting plug Part No.530 753 006, establishing an electrical liaison before the three other contacts and breaking it after they are uncoupled, can be used for earthing purposes.

\*\*Cable-clamp, refer to the other documentation.

- Accessories for secure connectors shell sizes 1 and 2, please consult our sales office.

- Other accessories : bushings - solder type ferrule adapters - ferrule adaptors with pg thread - Screw type adapters for uncovered or covered flexible conduits - proofing accessories.

### Dimensions :



Shell size	cts number	Mated assembly			Pin insert receptacle							Socket insert plug-Cable connecting plug, pin insert					
		A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	S
1	3-4-6	73	64	4	21	27	3,2	28	24,8	2	12,5	57	32,2	32,2	20,2	25	51
2	4	79	68	4	27	32	3,2	34	29	2	12,5	63	36,4	36,4	23,5	32	55
2	8-12	79	68	4	27	32	3,2	34	24	2	12,5	63	36,4	36,4	23,5	32	55
3	17	78	75	4	39	43	4,2	48	22,5	2	12,5	65	42,6	47,6	31,3	44	61

Shell size	cts number	Mated assembly			Socket insert receptacle							Pin insert plug-Cable connecting plug socket insert					
		A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	S
1	3-4-6	65	76	4	21	27	3,2	28	25	2	16	57	32,2	32,2	20,2	25	51
2	4	72	82	4	27	32	3,2	34	31	2	16	63	36,4	36,4	23,5	32	55
2	8-12	72	82	4	27	32	3,2	34	24	2	16	63	36,4	36,4	23,5	32	55
3	17	67	78	4	39	43	4,2	48	26	2	12	63	42,6	47,6	31,3	44	61

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