

With earth contact

Industrial 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 27 contacts $\varnothing$ 1,6 mm and $\varnothing$ 2,4 mm crimping or soldering type contacts.
- **Max current rating** : 15A $\varnothing$ 1,6mm, 30A $\varnothing$ 2,4 mm, 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** : $<0.0015 \Omega$ $\varnothing$ 1,6mm, $<0.0010 \Omega$ $\varnothing$ 2,4mm,
- **Flashover voltage** : at (20°C) 68°F, at sea level higher than 2500 V A.C
- **Insulation resistance** : $>5000 \text{ M}\Omega$
- **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** :
1,93 mm² $\varnothing$ 1,6 mm and 3,18 mm² $\varnothing$ 2,4 mm.



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 plug	Adjustable crimping tool
1	3	$\varnothing$ 1.6mm	630 603 006	632 603 006	633 603 006	630 135 006	536 945 006	630 720 006	632 720 006	579 481 006
1	4		630 604 006	632 604 006	633 604 006	630 135 006	536 945 006	630 720 006	632 720 006	Colour selection : $\varnothing$ 1.6mm blue $\varnothing$ 2.4mm yellow
1	7		630 607 006	632 607 006	633 607 006	630 135 006	536 945 006	630 720 006	632 720 006	
2	12		630 612 006	632 612 006	633 612 006	630 138 006	536 946 006	536 845 006	532 214 006	
3	19		630 619 006	632 619 006	633 619 006	630 155 006	536 947 006	536 846 006	532 218 006	Combined insertion and extraction tool for contacts*
3	27		630 627 006	632 627 006	633 627 006	630 155 006	536 947 006	536 846 006	532 218 006	
1	3	$\varnothing$ 2.4mm	630 803 006	632 803 006	633 803 006	630 135 006	536 945 006	630 720 006	632 720 006	$\varnothing$ 1.6mm
1	4		630 804 006	632 804 006	633 804 006	532 135 006	536 945 006	630 720 006	632 720 006	577 454 006
2	7		630 807 006	632 807 006	633 807 006	630 138 006	536 946 006	536 845 006	532 214 006	$\varnothing$ 2.4mm
3	12		630 812 006	632 812 006	633 812 006	630 155 006	536 947 006	536 846 006	532 218 006	577 458 006

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 plug	Adjustable crimping tool
1	3	$\varnothing$ 1.6mm	630 703 006	632 703 006	633 703 006	630 135 006	536 945 006	630 720 006	632 720 006	579 481 006
1	4		630 704 006	632 704 006	633 704 006	630 135 006	536 945 006	630 720 006	632 720 006	Colour selection : $\varnothing$ 1.6mm blue $\varnothing$ 2.4mm yellow
1	7		630 707 006	632 707 006	633 707 006	630 135 006	536 945 006	630 720 006	632 720 006	
2	12		630 712 006	632 712 006	633 712 006	630 138 006	536 946 006	536 845 006	532 214 006	
3	19		630 719 006	632 719 006	633 719 006	630 155 006	536 947 006	536 846 006	532 218 006	Combined insertion and extraction tool for contacts*
3	27		630 727 006	632 727 006	633 727 006	630 155 006	536 947 006	536 846 006	532 218 006	
1	3	$\varnothing$ 2.4mm	630 903 006	632 903 006	633 903 006	630 135 006	536 945 006	630 720 006	632 720 006	$\varnothing$ 1.6mm
1	4		630 904 006	632 904 006	633 904 006	532 135 006	536 945 006	630 720 006	632 720 006	577 454 006
2	7		630 907 006	632 907 006	633 907 006	630 138 006	536 946 006	536 845 006	532 214 006	$\varnothing$ 2.4mm
3	12		630 912 006	632 912 006	633 912 006	630 155 006	536 947 006	536 846 006	532 218 006	577 458 006

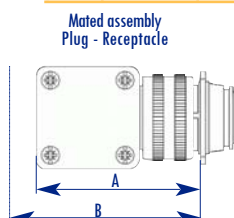
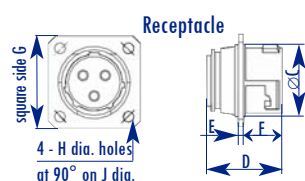
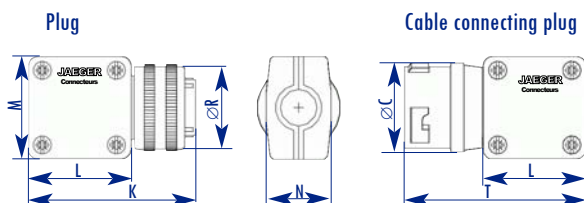
*Note : tool, part. No 577 454 006 $\varnothing$ 1.6mm and No 577 458 006 $\varnothing$ 2.4mm, is necessary, for insertion and extraction contacts.

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

Other accessories : connection, sealing, protection, fixing...

Polarisation : listed under different Part Nos, certain types of connectors are available with two alternative keying dispositions. This feature will prevent cross plugging adjacent connectors with similar contact arrangement.

Dimensions :



Boîtier	nombre contact	Assemblage		Embase							Fiche et Prolongateur					
		A	B	C	D	E	F	G	H	J	K	L	M	N	R	T
1	$\varnothing$ 1,6mm 3 - 4-7 $\varnothing$ 2,4mm 3-4	54	63	21	20,5	1,5	11,5	27	3,2	28	50	32,2	32,2	20,2	25	50,3
2	$\varnothing$ 1,6mm 12 $\varnothing$ 2,4mm 7	58	67	27	20,5	1,5	11,5	32	3,2	34	54	36,4	36,4	23,5	32,5	54,2
3	$\varnothing$ 1,6mm 19-27 $\varnothing$ 2,4mm 12	66	75	39	23	2	11,5	43	4,2	48	61	42,6	47,6	31,3	44	62,1