

845 Series



Applications

For all purposes in severe mechanical environment.
Power applications up to 200 A.

Standards

NFL 54120
GAM/T1 list



Description

- Shells in steel
- Plating : yellow cadmium bichromate or olive green cadmium
- Wide choice of contacts and contact layouts
- Environmental or sealed versions
- Bayonet coupling

Characteristics

Mechanical

- Endurance : 500 matings
- Shock : NFC 20616 level 50A
- Vibration : NFC 20616 level 55/10
- Contact retention (min) :

Ø 1 : 50N	Ø 3.5 : 100N
Ø 1.5 : 70N	Ø 5 : 150N
Ø 2.5 : 80N	Ø 10 : 200N

 (Ø in mm)

Electrical

- Maximum contact current rating :

Ø 1 : 7.5A	Ø 3.5 : 40A
Ø 1.5 : 11A	Ø 5 : 60A
Ø 2.5 : 25A	Ø 10 : 200A
- Test voltage : 2800 Vrms/50Hz
(except 1mm Ø contact : 1500 Vrms)
- Insulation resistance :
between contacts and earth at normal ambient temperature : $\geq 5000 \text{ M}\Omega$
- Contact resistance :

Ø 1 : 3 mΩ	Ø 3.5 : 0.35 mΩ
Ø 1.5 : 1.5 mΩ	Ø 5 : 0.25 mΩ
Ø 2.5 : 0.6 mΩ	Ø 10 : 0.08 mΩ

Environmental

- Temperature range : -40°C to +85°C
(+125°C peak)
- Humidity : to NFC 20603 for 56 days
- Salt spray : to NFC 20603 for 96 hours
- Fluid sealing :
 - immersed :
4 meters for 10 hours (standard version)
6 meters for 24 hours (sealed version)
 - water jet :
impact pressure 1 kg/cm² for 15 minutes

Without grommet seal

Ordering information

basic series		845	-21	-8	3	12
contact layouts	see table next page					
shell style	1- square flange receptacle 8- plug 5- in-line receptacle					
contact type	3 - pin, solder 7- socket, solder 1- pin, crimp 5 - socket, crimp					
cable fittings	00 - connector without fitting* 15- backnut (corresponding to contact arrangement) 17- straight fitting with cable clamp (supplied with a grommet seal) 12- straight fitting for metal solder sleeve or heat shrink sleeving 14- elbow fitting for metal solder sleeve or heat shrink sleeving 36- elbow fitting with cable (supplied with a grommet seal corresponding to contact arrangement)					
special types	38- conduit tube fitting, plain 41- conduit tube fitting, braid					

* A connector may be ordered in this condition but cannot be utilised without specifying separately

example : connector 845-21-83-00
fitting 845-20-00-12

Note : Insulators and contacts are packed separately from connectors. Correct location of the insulator is made during assembly.





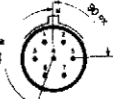




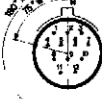
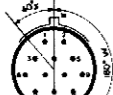




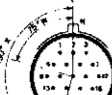



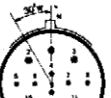


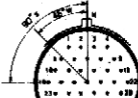
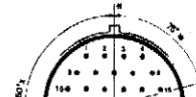

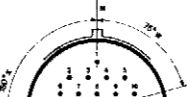
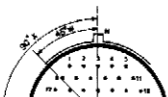
Style 1 receptacles are supplied complete with panel seals. The grommet seals provided with style 17 and 36 cable clamp fittings are not intended to be bonded to connector insulators.

845 Series



Contact layouts and polarizations

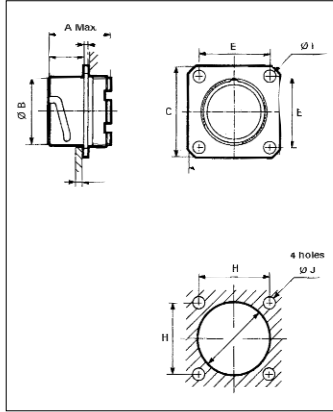
Viewed from front face of male insulator

shell 1	3 Ø 1,5 	2 Ø 1,5 	1 Ø 3,5 	7 Ø 1 			
	11	12	13	19			
shell 2	7 Ø 1,5 	1 Ø 1,5 2 Ø 2,5 	3 Ø 2,5 	4 Ø 2,5 	3 Ø 1,5 	12 Ø 1 	
	21	22	23	24	26	29	
shell 3	12 Ø 1,5 	3 Ø 3,5 	4 Ø 3,5 	2 Ø 3,5 4 Ø 1,5 	1 Ø 10 	19 Ø 1 	
	31	32	33	34	35	39	
shell 4	19 Ø 1,5 	8 Ø 1,5 4 Ø 1,5 	4 Ø 1,5 8 Ø 1,5 	6 Ø 2,5 6 Ø 1,5 	4 Ø 5 	2 Ø 2,5 12 Ø 1,5 	37 Ø 1 
	41	42	43	44	45	46	49
shell 5	37 Ø 1,5 	19 Ø 2,5 	26 Ø 1,5 	61 Ø 1 			
	51	52	53	54			

845 Series

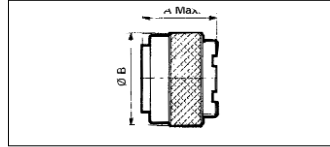


Shell styles Receptacle type 1



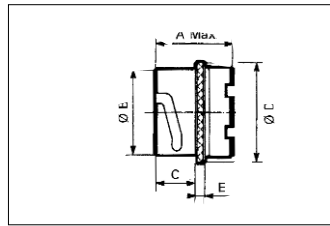
shell size dim	1	2	3	4	5
A	28.20 1.110	28.20 1.110	28.60 1.126	28.60 1.126	38.00 1.496
B	16.00 .630	20.00 .787	26.00 1.024	31.00 1.220	43.00 1.693
C	15.50 .610	15.50 .610	16.50 .650	16.50 .650	16.50 .650
D	24.00 .945	27.00 1.063	31.00 1.220	42.00 1.654	54.00 2.126
E	18.00 .709	21.00 .827	25.00 .984	33.00 1.299	43.00 1.693
F	3.20 .126	3.20 .126	3.20 .126	5.50 .217	5.50 .217
G	19.00 .748	23.00 .906	28.00 1.102	34.00 1.339	46.00 1.811
H	18.00 .709	21.00 .827	25.00 .984	33.00 1.299	43.00 1.693
J	3.20 .126	3.20 .126	3.20 .126	5.50 .217	5.50 .217

Plug type 8



shell size dim	1	2	3	4	5
A	32.20 1.268	32.20 1.268	32.20 1.268	32.20 1.268	41.60 1.638
B	22.50 .886	26.50 1.043	33.00 1.299	39.00 1.535	51.00 2.008

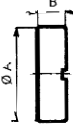
In-line receptacle type 5



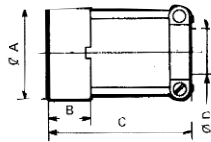
shell size dim	1	2	3	4	5
A	28.00 1.102	28.00 1.102	28.40 1.118	28.40 1.118	37.80 1.488
B	16.00 .630	20.00 .787	26.00 1.024	31.00 1.220	43.00 1.693
C	14.00 .551	14.00 .551	14.80 .583	14.80 .583	14.80 .583
D	21.00 .827	25.00 .984	31.00 1.220	36.00 1.417	48.00 1.890
E	3.50 .138	3.50 .138	3.50 .138	3.50 .138	6.00 .236

Backfitting

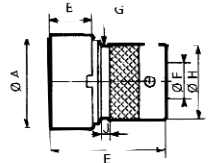
backnut type 15



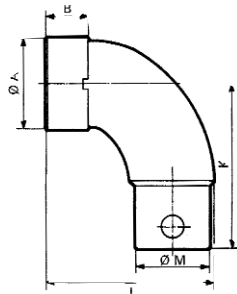
straight fitting with cable clamp type 17



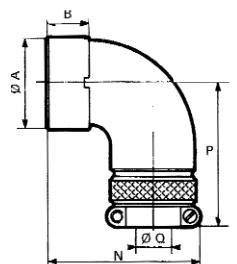
straight fitting for metal solder sleeve or heat shrink sleeving type 12



elbow fitting for metal solder sleeve or heat shrink sleeving type 14



elbow fitting with cable clamp type 36

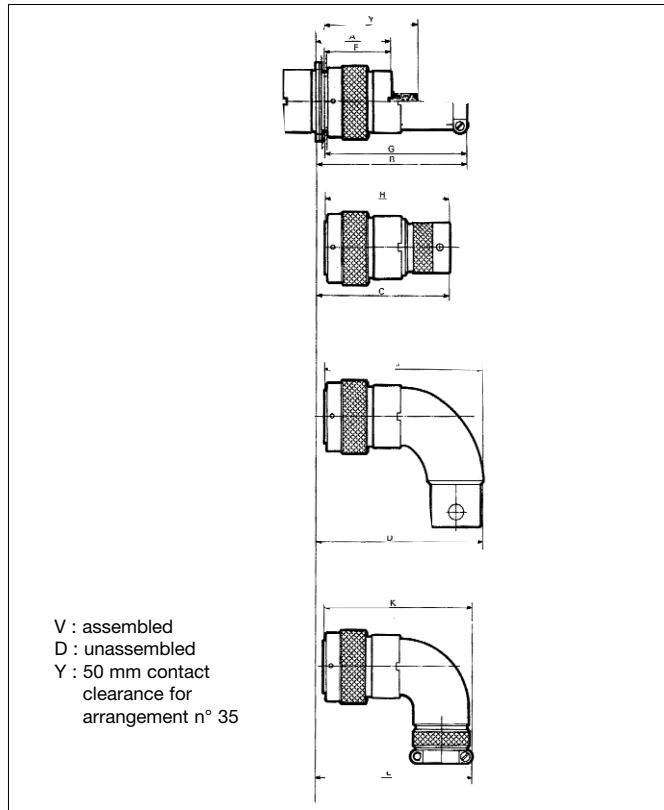


type	shells size dim	1	2	3	4	5
15	A	18.50 .728	22.50 .886	27.50 1.083	33.50 1.319	44.80 1.764
	B	12.00 .472	10.10 .398	12.00 .472	10.10 .398	16.00 .630
17	A	18.50 .728	22.50 .886	27.50 1.083	33.50 1.319	45.00 1.772
	B	15.50 .610	15.50 .610	15.50 .610	15.50 .610	19.50 .768
	C	34.45 1.356	39.45 1.553	46.45 1.829	51.45 2.026	52.80 2.079
	D	11.00 .433	13.00 .512	17.00 .669	20.50 .807	30.00 1.181
12	A	18.50 .728	22.50 .886	27.50 1.083	33.50 1.319	45.00 1.772
	B	15.50 .610	15.50 .610	15.50 .610	15.50 .610	19.50 .768
	E	36.00 1.417	36.00 1.417	38.00 1.496	36.50 1.437	47.60 1.874
	F	12.00 .472	15.50 .610	21.50 .846	25.20 .992	37.00 1.457
	G	12.20 .480	16.00 .630	21.20 .835	27.00 1.063	38.00 1.496
	H	13.70 .539	17.50 .689	23.50 .925	27.00 1.063	40.00 1.575
	J	2.50 .098	2.50 .098	2.50 .098	2.50 .098	2.50 .098
14	A	18.50 .728	22.50 .886	27.50 1.083	33.50 1.319	45.00 1.772
	B	15.50 .610	15.50 .610	15.50 .610	15.50 .610	19.50 .768
	K	45.60 1.795	45.60 1.795	60.10 2.366	60.10 2.366	75.10 2.957
	L	43.15 1.699	40.15 1.581	61.65 2.427	59.65 2.348	70.55 2.778
	M	13.70 .539	17.50 .689	23.50 .925	27.00 1.063	40.00 1.575
36	A	18.50 .728	22.50 .886	27.50 1.083	33.50 1.319	45.00 1.772
	B	15.50 .610	15.50 .610	15.50 .610	15.50 .610	19.50 .768
	N	43.55 1.715	46.85 1.844	49.75 1.959	54.95 2.163	63.70 2.508
	P	37.50 1.476	42.50 1.673	47.50 1.870	53.50 2.106	72.30 2.846
	Q	11.00 .433	13.00 .512	17.00 .669	20.50 .807	30.00 1.181

845 Series

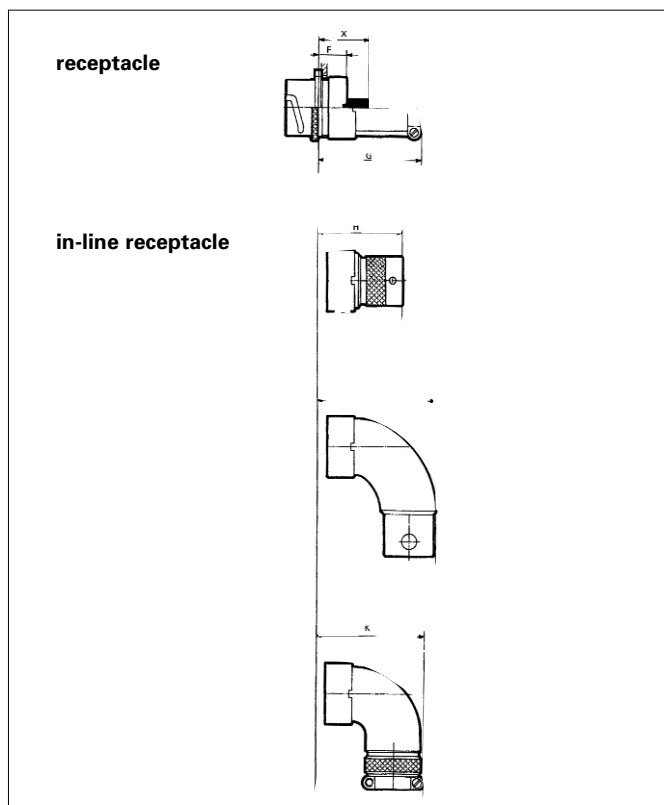


Plug/backfitting assemblies



type	dim	shells size	1	2	3	4	5
15	A	V	42.50 1.673	42.00 1.654	43.00 1.693	42.50 1.673	52.00 2.047
		D	55.50 2.185	55.50 2.185	56.50 2.224	56.50 2.224	63.00 2.480
	F		37.70 1.484	37.60 1.480	37.70 1.484	37.60 1.480	44.10 1.736
17	B	V	64.00 2.520	69.00 2.717	76.50 3.012	81.50 3.209	93.00 3.661
		D	77.50 3.051	82.50 3.248	90.50 3.563	95.50 3.760	107.00 4.213
	G		59.70 2.350	64.70 2.547	71.70 2.823	76.70 3.020	87.90 3.461
12	C	V	64.00 2.520	64.00 2.520	66.00 2.598	64.50 2.539	75.50 2.972
		D	84.50 3.327	81.50 3.209	105.00 4.134	102.00 4.016	122.50 4.823
	H		59.50 2.343	59.50 2.343	61.50 2.421	60.00 2.362	80.50 3.169
14	D	V	71.00 2.795	68.00 2.677	91.00 3.583	88.00 3.465	108.50 4.272
		D	84.50 3.327	81.50 3.209	105.00 4.134	102.00 4.016	122.50 4.823
	J		66.50 2.618	63.70 2.508	86.20 3.394	83.20 3.276	103.50 4.075
36	E	V	73.00 2.874	76.50 3.012	80.00 3.150	85.00 3.346	104.00 4.094
		D	86.50 3.406	90.00 3.543	93.50 3.681	99.00 3.898	118.00 4.646
	K		68.60 2.701	71.90 2.831	74.80 2.945	80.10 3.154	99.00 3.898

Receptacle and in-line receptacle backfitting assemblies



type	dim	shells size	1	2	3	4	5
15	F		16.00 .630	16.00 .630	17.00 .669	17.00 .669	25.00 .984
17	G		38.50 1.516	43.50 1.713	50.00 1.969	55.00 2.165	66.00 2.598
12	H		38.00 1.496	38.00 1.496	39.50 1.555	38.00 1.496	58.50 2.303
14	J		45.50 1.791	42.50 1.673	64.50 2.539	61.50 2.421	81.50 3.209
36	K		47.50 1.870	50.50 1.988	53.00 2.087	58.00 2.283	77.00 3.031

X : 28 mm contact clearance
for arrangement n° 35

845 Series



With grommet seal

Ordering information

basic series	845	-21	-8	3	22	-001
contacts layouts	- see table below					
shell style	1 - square flange receptacle 8 - plug 5 - in-line receptacle					
contact type	3 - pin, solder 7 - socket, solder 1 - pin, crimp 5 - socket, crimp					
cable fittings	00 - connector without fitting* 25 - back nut 26 - fitting for heat shrink sleeving 22 - straight fitting with cable clamp 27 - short straight fitting with cable clamp 21 - straight fitting with cable clamp and gland 23 - elbow fitting with cable clamp and gland 24 - elbow fitting with cable clamp					
protection codes	001 - cadmium bichromate 003 - cadmium, olive green					

Contact layouts and polarizations

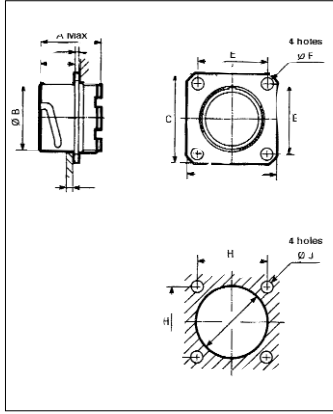
Viewed from front face of male insulator

shell 1	 3 Ø 1,5 11	 2 Ø 1,5 12	 1 Ø 3,5 13	 7 Ø 1 19			
shell 2	 7 Ø 1,5 21	 1 Ø 1,5 2 Ø 2,5 22	 3 Ø 2,5 23	 4 Ø 2,5 24	 12 Ø 1 29		
shell 3	 12 Ø 1,5 31	 3 Ø 3,5 32	 4 Ø 3,5 33	 2 Ø 3,5 4 Ø 1,5 34	 1 Ø 10 35	 19 Ø 1 39	
shell 4	 19 Ø 1,5 41	 8 Ø 1,5 4 Ø 2,5 42	 4 Ø 3,5 8 Ø 1,5 43	 6 Ø 2,5 6 Ø 1,5 44	 4 Ø 5 45	 2 Ø 2,5 12 Ø 1,5 46	 37 Ø 1 49
shell 5	 37 Ø 1,5 51	 19 Ø 2,5 52	 61 Ø 1 54				
shell 6	 4 Ø 10 61	 3 Ø 2,5 2 Ø 10 62	 55 Ø 1,5 64				

845 Series

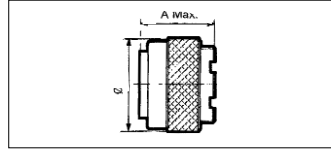


Shell styles Receptacle type 1



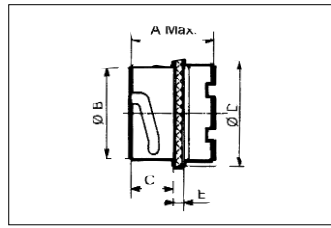
shell size dim	1	2	3	4	5	6
A	28.20 1.110	28.20 1.110	28.60 1.126	28.60 1.126	38.00 1.496	38.00 1.496
B	16.00 .630	20.00 .787	26.00 1.024	31.00 1.220	43.00 1.693	57.00 2.244
C	15.50 .610	15.50 .610	16.50 .650	16.50 .650	16.50 .650	16.50 .650
D	24.00 .945	27.00 1.063	31.00 1.220	42.00 1.654	54.00 2.126	66.00 2.598
E	18.00 .709	21.00 .827	25.00 .984	33.00 1.299	43.00 1.693	53.00 2.087
F	3.20 .126	3.20 .126	3.20 .126	5.50 .217	5.50 .217	5.50 .217
G	19.00 .748	23.00 .906	28.00 1.102	34.00 1.339	46.00 1.811	60.00 2.362
H	18.00 .709	21.00 .827	25.00 .984	33.00 1.299	43.00 1.693	53.00 2.087
J	3.20 .126	3.20 .126	3.20 .126	5.50 .217	5.50 .217	5.50 .217

Plug type 8



shell size dim	1	2	3	4	5	6
A	32.20 1.268	32.20 1.268	32.20 1.268	32.20 1.268	41.60 1.638	41.60 1.638
B	22.50 .886	26.50 1.043	33.00 1.299	39.00 1.535	51.00 2.008	65.00 2.559

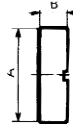
In-line receptacle type 5



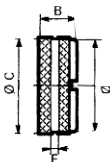
shell size dim	1	2	3	4	5	6
A	28.00 1.102	28.00 1.102	28.40 1.118	28.40 1.118	37.80 1.488	37.80 1.488
B	16.00 .630	20.00 .787	26.00 1.024	31.00 1.220	43.00 1.693	57.00 2.244
C	14.00 .551	14.00 .551	14.80 .583	14.80 .583	14.80 .583	14.80 .583
D	21.00 .827	25.00 .984	31.00 1.220	36.00 1.417	48.00 1.890	62.00 2.441
E	3.50 .138	3.50 .138	3.50 .138	3.50 .138	6.00 .236	6.00 .236

Backfitting

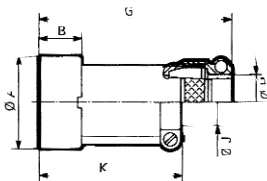
backnut type 25



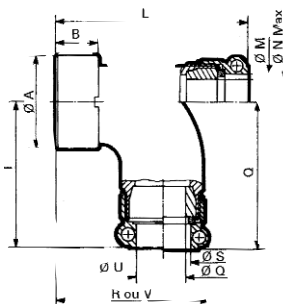
fitting for heat shrink sleeving type 26



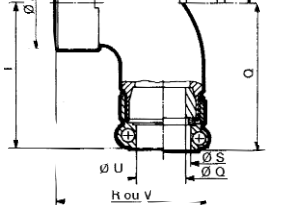
straight fitting with cable clamp type 22 short straight fitting with cable clamp type 27



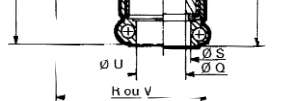
straight fitting with cable clamp type 21



elbow fitting with cable clamp type 23



elbow fitting with cable clamp type 24



type 23

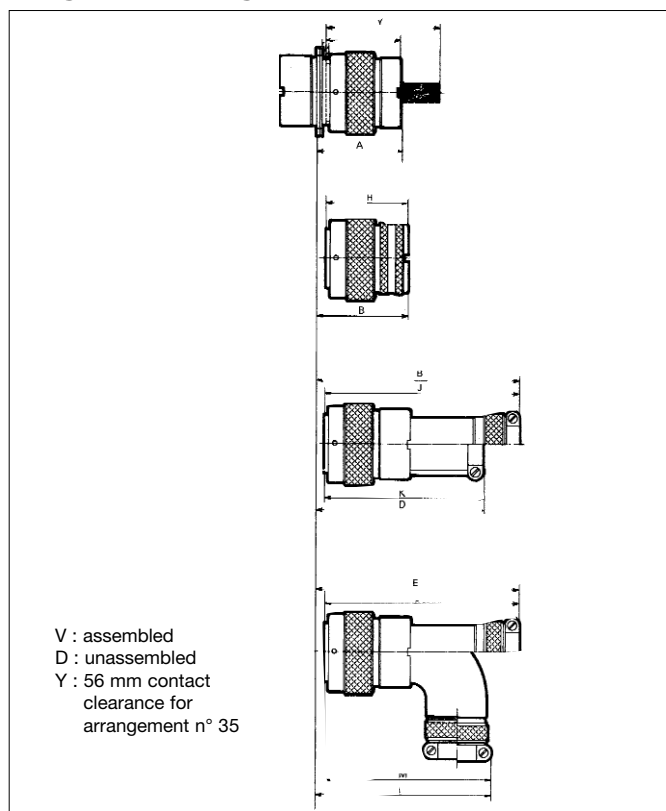
type 24

type	shells size dim	1	2	3	4	5	6
25	A	18.50 .728	22.50 .886	27.50 1.083	33.50 1.319	44.80 1.764	59.50 2.343
	B	12.00 .472	10.10 .398	12.00 .472	10.10 .398	16.00 .630	19.80 .780
26	C	20.80 .819	23.50 .925	28.50 1.122	34.50 1.358	48.50 1.909	64.50 2.539
	D	15.00 .591	13.10 .516	15.00 .591	13.10 .516	19.00 .748	22.80 .898
	E	18.50 .728	22.60 .890	27.60 1.087	33.50 1.319	44.50 1.752	59.50 2.343
	F	3.50 .138	3.00 .118	3.00 .118	3.00 .118	3.50 .138	4.00 .157
22	A	18.50 .728	22.50 .886	27.50 1.083	33.50 1.319	45.00 1.772	61.50 2.421
	B	15.50 .610	15.50 .610	15.50 .610	15.50 .610	19.50 .768	20.50 .807
	G	44.90 1.768	53.90 2.122	60.90 2.398	69.90 2.752	84.30 3.319	119.00 4.685
	H	11.00 .433	13.00 .512	17.00 .669	20.50 .807	30.00 1.181	40.00 1.575
27	A	18.50 .728	22.50 .886	27.50 1.083	33.50 1.319	45.00 1.772	61.50 2.421
	B	15.50 .610	15.50 .610	15.50 .610	15.50 .610	19.50 .768	20.50 .807
	J	11.00 .433	13.00 .512	17.00 .669	20.50 .807	30.00 1.181	40.00 1.575
	K	34.40 1.354	39.40 1.551	46.40 1.827	51.40 2.024	52.80 2.079	66.80 2.630
21	A	18.50 .728	22.50 .886	27.50 1.083	33.50 1.319	45.00 1.772	61.50 2.421
	B	15.50 .610	15.50 .610	15.50 .610	15.50 .610	19.50 .768	20.50 .807
	L	47.20 1.858	56.20 2.213	63.20 2.488	72.20 2.843	88.60 3.488	123.90 4.878
	M	11.00 .433	13.00 .512	17.00 .669	20.50 .807	30.00 1.181	40.00 1.575
	N	9.50 .374	12.50 .492	16.30 .642	19.20 .756	28.50 1.122	38.00 1.496
	O	18.50 .728	22.50 .886	27.50 1.083	33.50 1.319	45.00 1.772	61.50 2.421
23	B	15.50 .610	15.50 .610	15.50 .610	15.50 .610	19.50 .768	20.50 .807
	P	9.50 .374	12.50 .492	16.30 .642	19.20 .756	28.50 1.122	38.00 1.496
	Q	39.50 1.555	44.50 1.752	49.50 1.949	57.50 2.264	73.00 2.874	103.00 4.055
	R	43.50 1.713	46.80 1.843	49.70 1.957	54.90 2.161	63.70 2.508	93.50 3.681
	S	11.00 .433	13.00 .512	17.00 .669	20.50 .807	30.00 1.181	40.00 1.575
	A	18.50 .728	22.50 .886	27.50 1.083	33.50 1.319	45.00 1.772	61.50 2.421
	B	15.50 .610	15.50 .610	15.50 .610	15.50 .610	19.50 .768	20.50 .807
24	T	37.50 1.476	42.50 1.673	47.50 1.870	55.50 2.185	69.00 2.717	99.00 3.898
	U	11.00 .433	13.00 .512	17.00 .669	20.50 .807	30.00 1.181	40.00 1.575
	V	43.50 1.713	46.80 1.843	49.70 1.957	54.90 2.161	63.70 2.508	93.50 3.681

845 Series

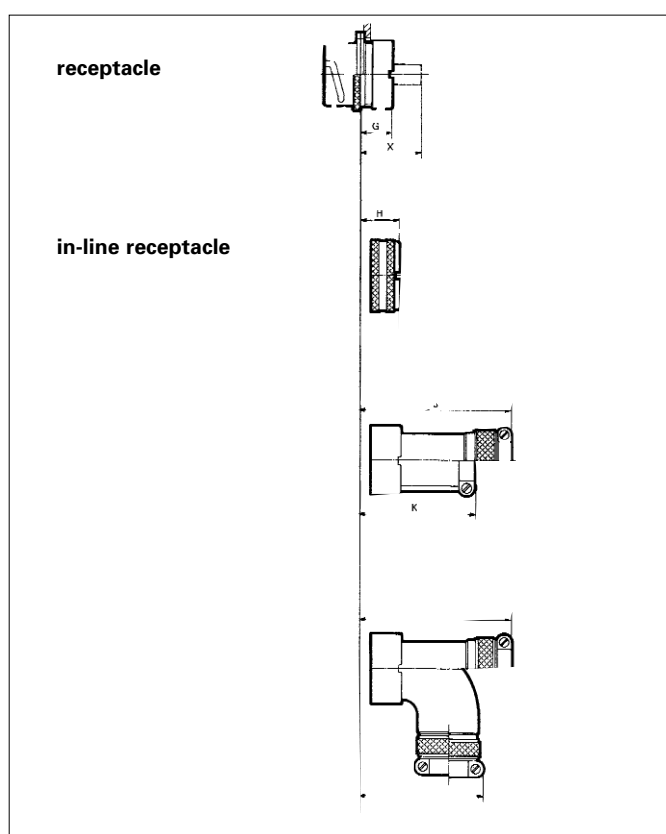


Plug/backfitting assemblies



type	shells size dim	1	2	3	4	5	6
		1	2	3	4	5	6
25	A	V 42.50 1.673	42.50 1.673	43.00 1.693	44.00 1.732	52.50 2.067	55.00 2.165
		D 56.00 2.205	56.00 2.205	57.00 2.244	58.00 2.283	66.50 2.618	69.00 2.717
	G	38.50 1.516	38.00 1.496	38.50 1.516	39.00 1.535	47.50 1.870	50.50 1.988
26	B	V 45.90 1.807	45.50 1.791	46.00 1.811	53.00 2.087	55.50 2.185	58.00 2.283
		D 59.00 2.323	59.00 2.323	60.00 2.362	61.00 2.402	69.50 2.736	72.00 2.835
	H	41.50 1.634	41.00 1.614	41.50 1.634	42.00 1.654	50.50 1.988	53.50 2.106
22	C	V 74.50 2.933	83.50 3.287	91.00 3.583	100.00 3.937	124.50 4.902	155.00 6.102
		D 88.00 3.465	96.50 3.799	105.00 4.134	114.00 4.488	138.50 5.453	169.00 6.654
	J	70.50 2.776	78.50 3.091	86.50 3.406	95.50 3.760	119.50 4.705	150.00 5.906
27	D	V 64.00 2.520	69.00 2.717	76.50 3.012	81.50 3.209	93.00 3.661	103.00 4.055
		D 77.50 3.051	82.50 3.248	90.50 3.563	95.50 3.760	107.00 4.213	117.00 4.606
	K	60.00 2.362	65.00 2.559	72.00 2.835	77.00 3.031	88.00 3.465	98.00 3.858
21	E	V 77.00 3.031	86.00 3.386	93.50 3.681	102.50 4.035	128.50 5.059	160.00 6.299
		D 90.50 3.563	99.50 3.917	107.50 4.232	116.50 4.587	142.50 5.610	173.50 6.831
	L	72.50 2.854	81.50 3.209	88.50 3.484	97.50 3.839	124.00 4.882	155.00 6.102
23-24	F	V 73.00 2.874	76.50 3.012	80.00 3.150	85.00 3.346	104.00 4.094	129.50 5.098
		D 86.50 3.406	90.00 3.543	93.50 3.681	99.00 3.898	118.00 4.646	144.50 5.689
	M	69.00 2.717	72.00 2.835	75.00 2.953	80.50 3.169	99.00 3.898	125.50 4.941

Receptacle and in-line receptacle backfitting assemblies



type	shells size dim	1	2	3	4	5	6
		1	2	3	4	5	6
25	G	16.00 .630	16.00 .630	17.00 .669	17.00 .669	25.00 .984	28.00 1.102
26	H	19.50 .768	19.50 .768	19.00 .748	20.00 .787	28.50 1.122	31.50 1.240
22	J	48.50 1.909	57.50 2.264	64.00 2.520	73.00 2.874	97.50 3.839	128.00 5.039
27	K	38.50 1.516	43.50 1.713	49.50 1.949	54.50 2.146	66.00 2.598	76.00 2.992
21	L	51.00 2.008	60.00 2.362	66.50 2.618	75.50 2.972	102.00 4.016	133.00 5.236
23 - 24	M	47.50 1.870	50.50 1.988	53.00 2.087	58.00 2.283	77.00 3.031	102.50 4.035

X : 34 mm contact clearance
for arrangement n° 35

845 Series

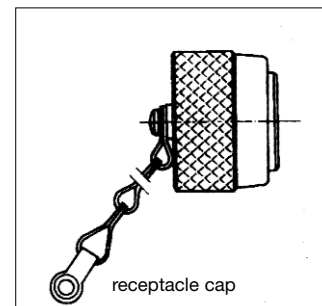
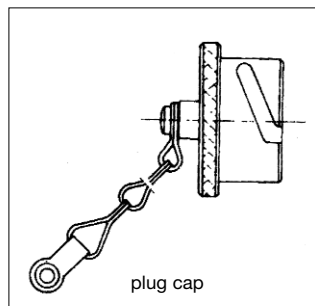


Accessories

Protective caps

Ordering information

basic series	845	-10	-00	31	-001
shell size	10 - 20 - 30 - 40 - 50 (excluding size 6)				
standard code					
caps	31 - for receptacles 32 - for plugs				
protection finish code	001 - cadmium bichromate 003 - cadmium olive green				



Sealing gaskets for square flange receptacle

shell size part number	8400-943	8400-944	8400-945	8400-946	8400-1180	8400-1564
---------------------------	----------	----------	----------	----------	-----------	-----------

Crimp contacts

diameter (mm)	female	male	wire size min/Max (mm ²)	insulation Ø min/Max (mm ²)	reducing sleeves	wire size with reducing sleeve min/Max (mm ²)
1	8500-1758	8201-326	0.21/0.93	1.55/2.40	8500-781	0.06/0.21
1.5	8400-618 A	8400-144 A	1.34/1.91	1.90/3.30		
1.5 (shells 5 and 6)	8400-620 A	8400-242 A	1.34/1.91	1.90/3.30		
2.5	8400-147 A	8400-270 A	3.18/5.30	3.50/5.10	8400-1665	1.91
2.5 (shells 5 and 6)	8400-1405	8400-1407	3.18/5.30	3.50/5.10	8400-1665	1.91
3.5	8400-148 A	8400-352 A	8.98	5.50/6.40	8400-1029	3.18/5.30
5	8400-834	8400-833	13.40	7.10/8.00	8400-2315	8.98
10 (arrangement 35)	8400-1183	8400-1181	67.20	14.40/15.50	8400-1779	41.80
10 (arrangement 61)	8400-1801	8400-1799	16.00	8.50		
10 (arrangement 62)	8400-1183	8400-1181	67.20	14.40/15.50	8400-1779	41.80

Solders contacts

diameter (mm)	female	male	Max wire size (mm ²)	insulation Ø min/Max (mm ²)
1.5	8400-622 A	8400-474	1.91	1.90/3.30
1.5 (shell 5 and 6)	8400-623 A	8400-475	1.91	1.90/3.30
2.5	8300-236	8300-235	5.30	3.50/5.10
2.5 (shell 5)	8473-119	8473-121	5.30	3.50/5.10
2.5 (shell 6)	8473-119	8473-121	5.30	3.50/5.10
3.5	8300-239	8300-238	8.98	5.50/6.40
5	8400-979	8400-961	13.40	7.10/8.00
10 (arrangement 35)	8400-1014	8400-986	67.20	14.40/15.50
10 (arrangement 61)	8400-1962	8400-1960	16.00	8.50
10 (arrangement 62)	8400-1014	8400-986	67.20	14.40/15.50

845 Series



Tooling

Crimping tools (for both versions)

diameter of contact	plier	locator	
		shell size 5	others
1	MS 3191-1 SOURIAU 8465	MS 3191-20 A	MS 3191-20 A
1.5 small barrel	MS 3191-1 SOURIAU 8465	8400-1608	8400-1607
1.5 large barrel	MS 3191-1 SOURIAU 8465	8400-1609	MS 3191-16 A
2.5	MS 3191-1 SOURIAU 8465	8400-1721	8400-1610

diameter of contact	tool	locator	
		shell size 5	others
3,5	8459	8459-130 n°2	8459-130 n°2
5	8459	8459-129 n°1	8459-129 n°1
10	8463	8463-04	8463-04

Contact insertion tools

diameter of contact	GROMMET SEAL VERSION					
	shell size					
	5	1	2	3	4	6
1	8400-2071					
1.5	8400-1475					
2.5	8400-1475					
3.5	8400-1475					
5	insert manually		8400-2129			
10	insert manually					

diameter of contact	environmental version					
	shell size					
	5	1	2	3	4	6
1	8400-2071	8500-93 A				
1,5	8400-482 A					
2,5	8400-482 A					
3,5	8400-482 A					
5	insert manually	8400-2129				
10	insert manually					

Contact extraction tools (for both versions)

diameter of contact		shell size					
		5	1	2	3	4	6
1	male	8310-31	8500-31				
	female						
1,5	male	8400-448					
	female	8440-446					
2,5	male	8400-448					
	female	8400-322					

diameter of contact		shell size					
		5	1	2	3	4	6
3,5	male	8400-448					
	female	8400-322					
5	male	8400-448					
	female	8440-980*					
10	male	extract manually					
	female						