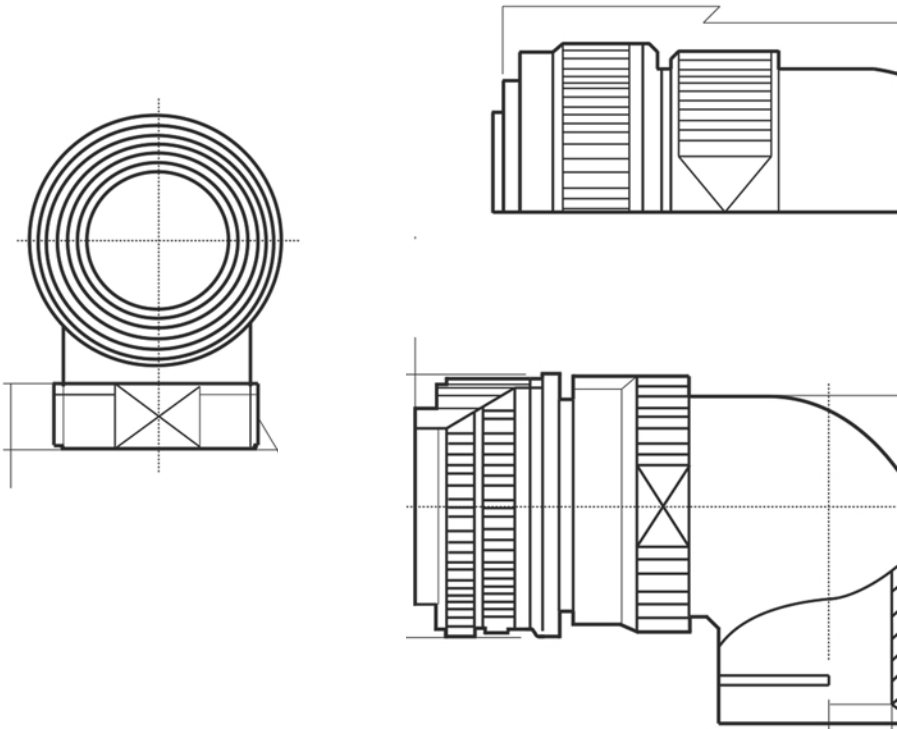
MANUAL CONECTORES
ALLIED CONNECTORS



INVERSIONES ELECTRO INDUSTRIAL B&R SAC

TIPOS

DE CONECTORES



INVERSIONES ELECTRO INDUSTRIAL B&R SAC

MS 3100 WALL MOUNTING RECEPTACLES ARE USED TO CARRY WIRES THROUGH WALLS OR BULKHEADS OR TO PROVIDE A MEANS OF DISCONNECTION AT A BULKHEAD. MS 3100 RECEPTACLES MATE WITH 3106 AND 3108 STYLE CABLE MOUNT CONNECTORS

WALL MOUNTING RECEPTACLE



IN-LINE RECEPTACLE



MS 3101 CABLE CONNECTORS ARE USED FOR CABLE EXTENSION REQUIREMENTS, WHERE MOUNTING PROVISIONS ARE UNNECESSARY. MS 3101 CONNECTORS MATE WITH 3106 AND 3108 STYLE CABLE MOUNT CONNECTORS.

MS 3102 BOX MOUNTING RECEPTACLES ARE USED IN JUNCTION BOXES OR AS AN INTEGRAL PART OF EQUIPMENT. THESE CONNECTORS MATE WITH 3106 AND 3108 STYLES CABLE MOUNT CONNECTORS.

BOX MOUNTING RECEPTACLE



MS 3106 STRAIGHT CABLE CONNECTORS MATE WITH 3100, 3101 AND 3102 STYLES. MS 3106 HAS AN “O” RING UNDER THE COUPLING NUT, THUS EFFECTING A SEAL.

STRAIGHT CABLE CONNECTOR



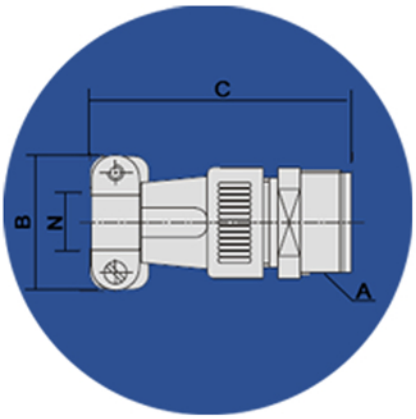
90° ANGLE CONNECTOR



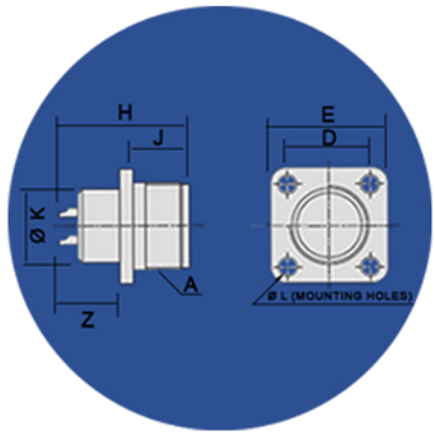
MS 3108 90º CABLE CONNECTORS ARE USED WHERE THERE IS LIMITED SPACE AND WHERE WIRES MUST BE BROUGHT AT ABRUPT ANGLES. THIS CONNECTOR MATES WITH 3100, 3101 AND 3102 STYLES. MS 3108 HAS AN “0” RING UNDER THE COUPLING NUT WHICH PROVIDES A SEALING.

CUERPOS Y DIMENSIONES

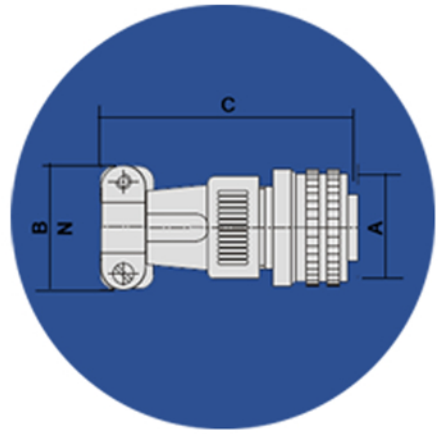




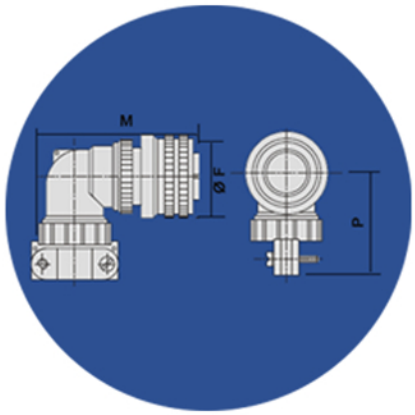
MS 3101E / MS 3101F CABLE CONNECTING PLUG



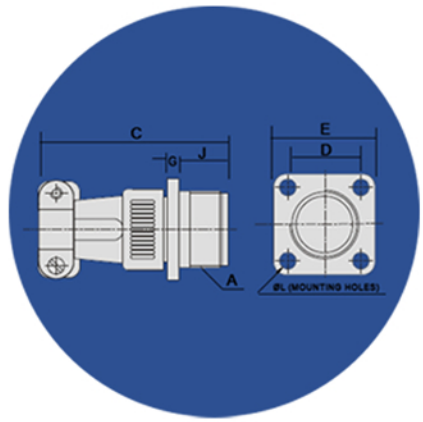
MS 3102E / MS 3102R BOX MOUNTING RECEPTACLE



MS 3106E / MS 3106F STRAIGHT PLUG



MS 3108 E / MS 3108 F 90 DEGREE PLUG



MS 3100E / MS 3100F WALL MOUNTING RECEPTACLE

SHELL SIZE	A - THREADING	B MAX	C MAX	± 0.13 D	± 0.79 E - SQ	Φ F MAX	G MAX	H MAX	+0.79 -0.00 J	± 0.13 Φ K	+0.25 -0.13 Φ L	M MAX	N MIN	N MAX	P MAX	Z
44	2 3/4" - 16 UN	88.90	105.0	60.32	76.20	75.40	9.12	49.23	22.23	66.60	4.39	-	30.00	47.60	-	13.15 to 19.50 depending upon contact gauges and shell size.
40	2 ½" - 16 UN	68.28	88.90	55.58	69.85	69.16	9.12	49.23	22.23	60.50	4.39	114.71	23.10	34.50	80.98	
36	2 1/4" - 16 UN	58.40	83.30	49.23	63.50	62.71	9.12	49.23	22.23	53.80	4.39	109.14	17.60	34.50	69.06	
32	2" - 18 UNS	52.70	77.00	44.45	57.15	56.36	9.12	49.23	22.23	47.80	4.39	106.38	15.90	31.30	65.89	
28	1 3/4" - 18 UNS	44.20	77.00	39.67	50.80	50.01	5.16	49.23	20.62	41.00	3.73	94.46	11.90	23.40	55.58	
24	1 1/2" - 18 UNEF	44.20	75.40	34.92	44.45	43.65	5.16	49.23	20.62	35.10	3.73	94.46	11.90	23.40	53.98	
22	1 3/8" - 18 UNEF	38.10	69.85	31.75	41.28	40.48	5.16	49.23	19.05	31.80	3.05	82.55	8.90	18.50	50.80	
20	1 1/4" - 18 UNEF	38.10	69.85	29.36	38.10	37.31	5.16	49.23	19.05	28.80	3.05	82.55	8.90	18.50	50.00	
18	1 1/8" - 18 UNEF	33.00	68.25	26.97	34.93	34.14	5.16	49.23	19.05	25.40	3.05	72.24	7.30	15.50	45.24	
16	1" - 20 UNEF	30.50	66.70	24.61	32.54	31.75	3.96	49.23	19.05	22.30	3.05	70.60	6.50	13.80	42.88	
16S	1" - 20 UNEF	30.50	57.15	24.61	32.54	31.75	3.96	30.18	14.27	22.30	3.05	61.11	6.50	13.80	42.88	
14S	7/8" - 20 UNEF	28.00	57.15	23.01	30.18	29.36	3.96	30.18	14.27	19.00	3.05	58.72	5.00	10.70	40.49	
12S	3/4" - 20 UNEF	23.00	57.15	20.62	27.79	26.97	3.96	30.18	14.27	15.90	3.05	55.58	3.60	7.50	38.10	
10SL	5/8" - 24 UNEF	23.00	57.15	18.26	25.40	24.59	3.96	30.18	14.27	15.40	3.05	55.58	3.60	7.50	38.10	

CONECTORES

GUÍA RÁPIDA

ALLIED CONNECTORS



INVERSIONES ELECTRO INDUSTRIAL B&R SAC

10SL

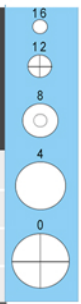


ARRANGEMENT	10SL-3	10SL-4
NO. OF CONTACTS	3	2
CONTACT SIZE	16	16
SERVICE RATING	A	A

12S



ARRANGEMENT	12S-3
NO. OF CONTACTS	2
CONTACT SIZE	16
SERVICE RATING	A



12SP



ARRANGEMENT	12SP-10
NO. OF CONTACTS	4
CONTACT SIZE	16
SERVICE RATING	INST.

14SA



ARRANGEMENT	14SA-6I
NO. OF CONTACTS	7
CONTACT SIZE	16
SERVICE RATING	INST.

14S



ARRANGEMENT	14S-1	14S-2	14S-5	14S-6	14S-7	14S-9
NO. OF CONTACTS	3	4	5	6	3	2
CONTACT SIZE	16	16	16	16	16	16
SERVICE RATING	A	INST.	INST.	INST.	A	A

16S



ARRANGEMENT	16S-1	16S-4	16S-5	16S-8
NO. OF CONTACTS	7	2	3	5
CONTACT SIZE	16	16	16	16
SERVICE RATING	A	D	A	INST.

16



ARRANGEMENT	16-9	16-10	16-11	16-12	16-40
NO. OF CONTACTS	4	3	2	1	4
CONTACT SIZE	2-12,2-16	12	12	4	1-12,3-16
SERVICE RATING	A	A	A	A	INST.

INVERSIONES ELECTRO INDUSTRIAL B&R S.A.C.

18

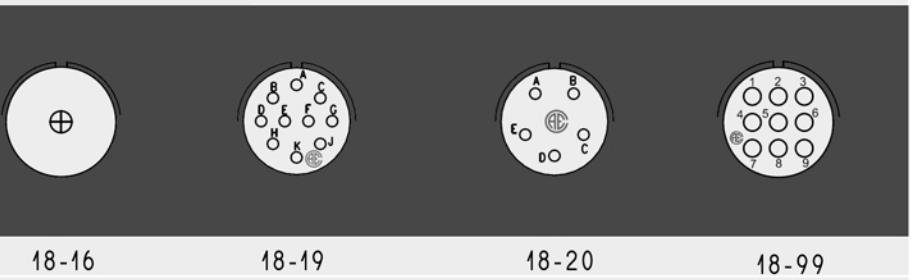


ARRANGEMENT	18-1	18-3	18-4	18-5	18-8
NO. OF CONTACTS	10	2	4	3	8
CONTACT SIZE	16	12	16	1-16,2-12	1-12,7-16
SERVICE RATING	BCFG=A, BAL = INST.	D	D	D	A



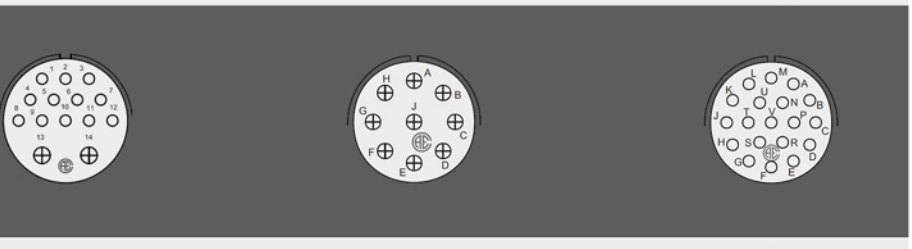
18

ARRANGEMENT	18-9	18-10	18-11	18-12	18-15
NO. OF CONTACTS	7	4	5	6	4
CONTACT SIZE	2-12,5-16	12	12	16	12
SERVICE RATING	D	A	A	A	A



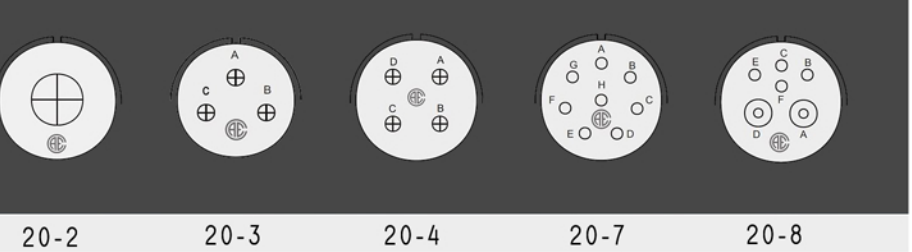
18

ARRANGEMENT	18-16	18-19	18-20	18-99
NO. OF CONTACTS	1	10	10	10
CONTACT SIZE	12	16	16	16
SERVICE RATING	C	A	A	A



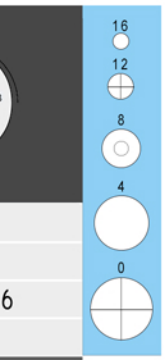
20L

ARRANGEMENT	20L-014	20L-9	20L-48
NO. OF CONTACTS	14	9	19
CONTACT SIZE	2-12,12-16	12	16
SERVICE RATING	13,14-4,BAL-INST	INST.	INST.



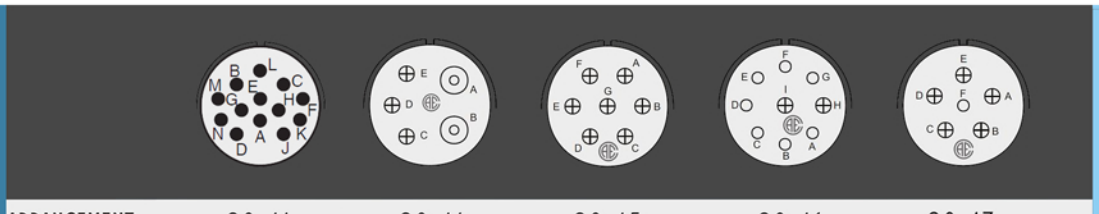
20

ARRANGEMENT	20-2	20-3	20-4	20-7	20-8
NO. OF CONTACTS	1	3	4	8	6
CONTACT SIZE	0	12	12	16	2-8,4-16
SERVICE RATING	D	D	D	ABHG=D. CDEF= A	INST.

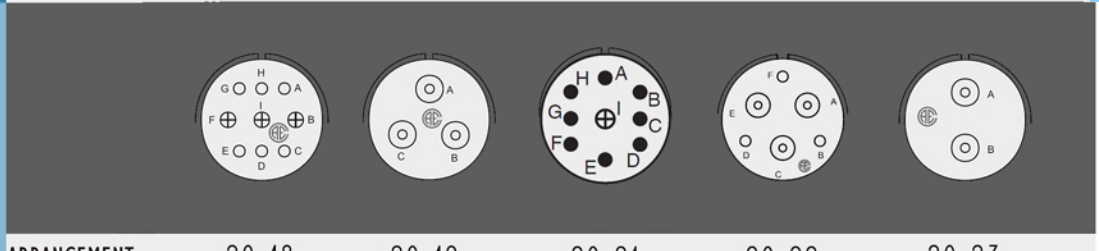


INVERSIONES ELECTRO INDUSTRIAL B&R SAC

20



ARRANGEMENT	20-11	20-14	20-15	20-16	20-17
NO. OF CONTACTS	13	5	7	9	6
CONTACT SIZE	16	2-8,3-12	12	2-12,7-16	5-12,1-16
SERVICE RATING	INST.	A	A	A	A



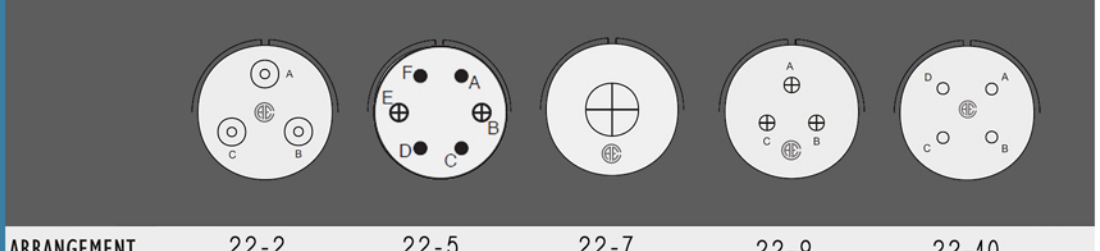
ARRANGEMENT	20-18	20-19	20-21	20-22	20-23
NO. OF CONTACTS	9	3	9	6	2
CONTACT SIZE	3-12,6-16	8	1-12,8-16	3-8,3-16	8
SERVICE RATING	A	A	A	A	A

20



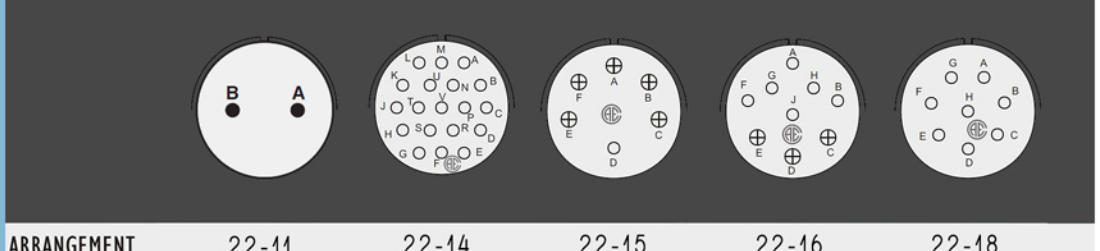
ARRANGEMENT	20-24	20-27	20-29	20-33
NO. OF CONTACTS	4	14	17	11
CONTACT SIZE	2-8,2-16	16	16	16
SERVICE RATING	A	A	A	A

22



ARRANGEMENT	22-2	22-5	22-7	22-9	22-10
NO. OF CONTACTS	3	6	1	3	4
CONTACT SIZE	8	2-12,4-16	0	12	16
SERVICE RATING	D	D	E	E	E

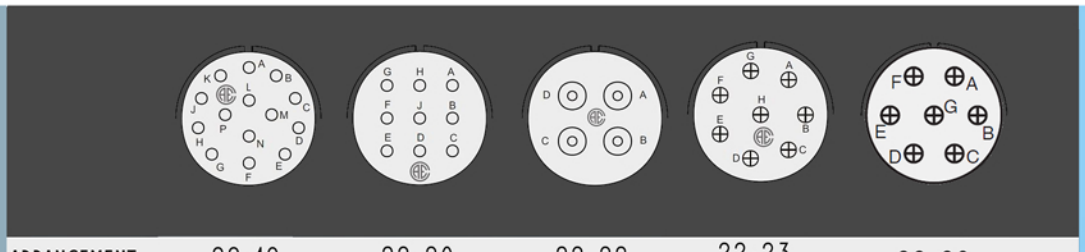
22



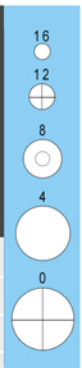
ARRANGEMENT	22-11	22-14	22-15	22-16	22-18
NO. OF CONTACTS	2	19	6	9	8
CONTACT SIZE	16	16	1-16,5-12	3-12,6-16	16
SERVICE RATING	B	A	D=E,ABCEF=A	A	ABFGH=D,CDE=A

INVERSIONES ELECTRO INDUSTRIAL B&R S.A.C.

22



ARRANGEMENT	22-19	22-20	22-22	22-23	22-28
NO. OF CONTACTS	14	9	4	8	7
CONTACT SIZE	16	16	8	12	12
SERVICE RATING	A	A	A	H=D,BAL=A	A

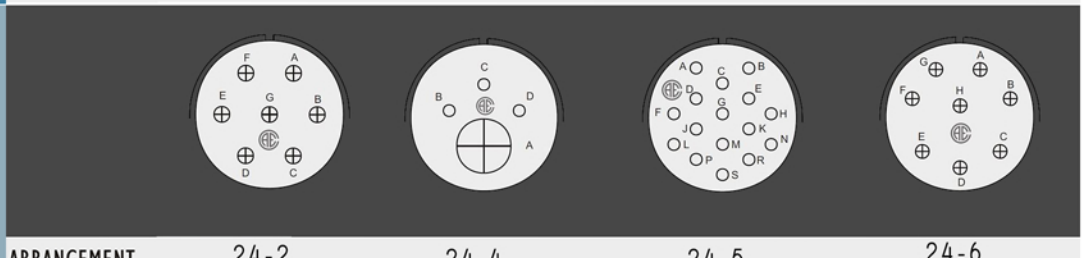


22



ARRANGEMENT	22-29	22-33	22-34
NO. OF CONTACTS	7	7	5
CONTACT SIZE	1-4,6-16	16	2-16,3-12
SERVICE RATING	A	ABCD=D,EFG=A	D

24



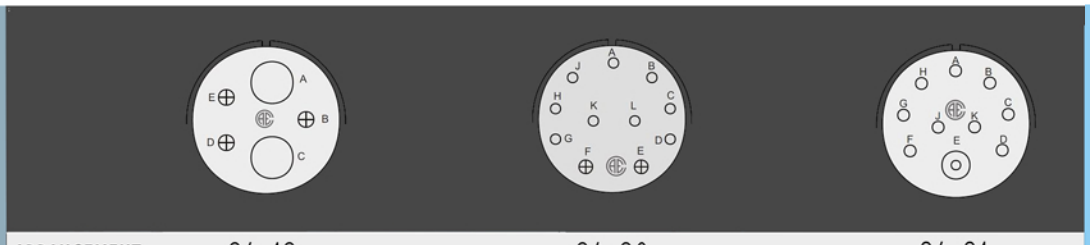
ARRANGEMENT	24-2	24-4	24-5	24-6
NO. OF CONTACTS	7	4	16	8
CONTACT SIZE	12	1-0,3-16	16	12
SERVICE RATING	D	D	A	A,G,H=D,BAL=A

24

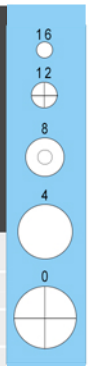


ARRANGEMENT	24-7	24-9	24-10	24-11
NO. OF CONTACTS	16	2	7	9
CONTACT SIZE	2-12,14-16	4	8	3-8,6-12
SERVICE RATING	A	A	A	A

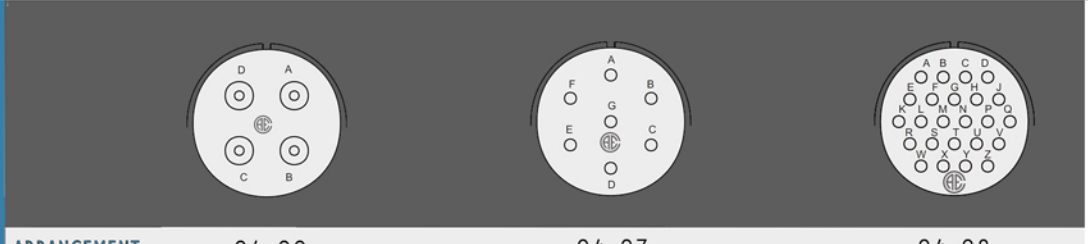
24



ARRANGEMENT	24-12	24-20	24-21
NO. OF CONTACTS	5	11	10
CONTACT SIZE	2-4,3-12	9-16,2-12	1-8,9-16
SERVICE RATING	A	D	D

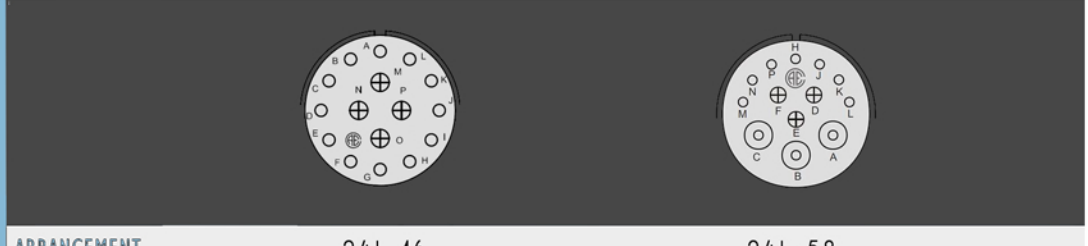


24



ARRANGEMENT	24-22	24-27	24-28
NO. OF CONTACTS	4	7	24
CONTACT SIZE	8	16	16
SERVICE RATING	D	E	INST.

24L



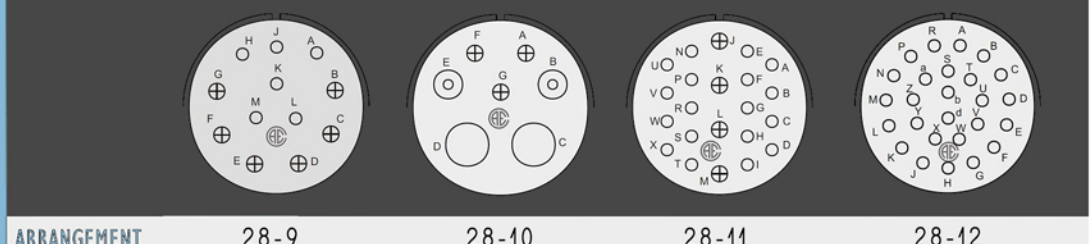
ARRANGEMENT	24L-16	24L-58
NO. OF CONTACTS	16	13
CONTACT SIZE	4-12,12-16	3-8,3-12,7-16
SERVICE RATING	M,N,P,Q-INST,BAL-A	D

28



ARRANGEMENT	28-3	28-5	28-6	28-8
NO. OF CONTACTS	3	5	3	12
CONTACT SIZE	8	1-12,2-4,2-16	4	2-12,10-16
SERVICE RATING	E	D	D	LM=E,B=D,BAL=A

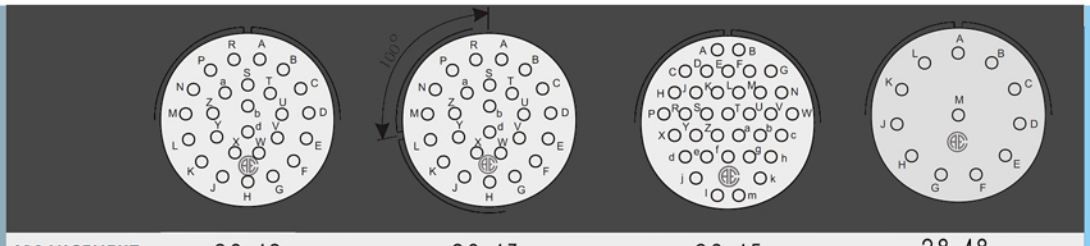
28



ARRANGEMENT	28-9	28-10	28-11	28-12
NO. OF CONTACTS	12	7	22	26
CONTACT SIZE	6-12,6-16	2-4,2-8,3-12	4-12,18-16	16
SERVICE RATING	D	G=D,BAL=A	A	D

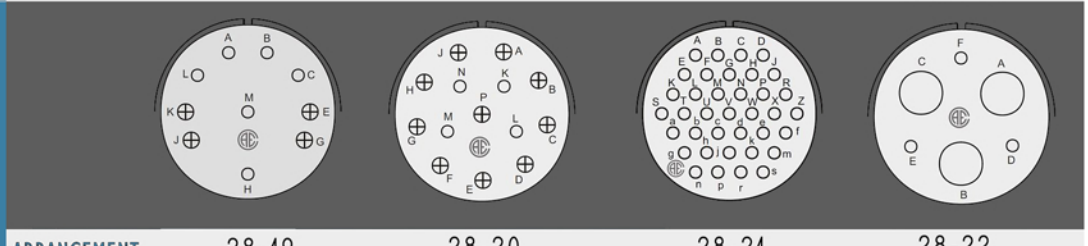
INVERSIONES ELECTRO INDUSTRIAL B&R SAC

28



ARRANGEMENT	28-12	28-13	28-15	28-18
NO. OF CONTACTS	26	26	35	12
CONTACT SIZE	16	16	16	16
SERVICE RATING	D	D	D	M=C,GHJKL=D AB=A,BAL=INST.

28



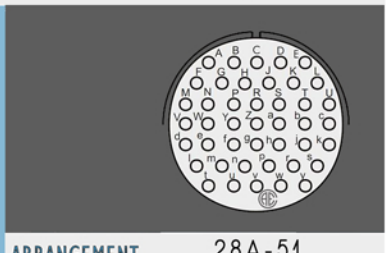
ARRANGEMENT	28-19	28-20	28-21	28-22
NO. OF CONTACTS	10	14	37	6
CONTACT SIZE	4-12,6-16	10-12,4-16	16	3-4,3-16
SERVICE RATING	HM=E,B=D,BAL=A	A	A	A

28



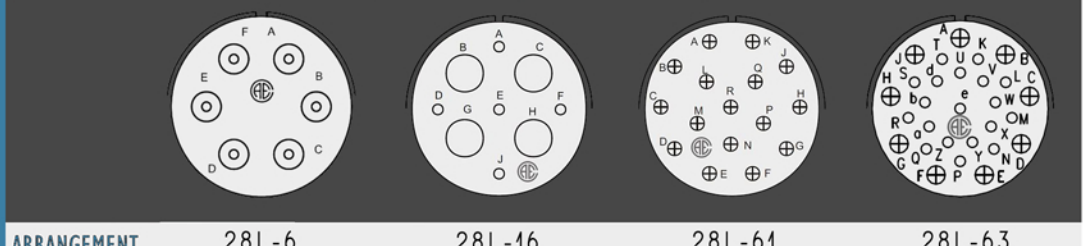
ARRANGEMENT	28-51
NO. OF CONTACTS	10
CONTACT SIZE	4-12,6-16
SERVICE RATING	HM=E,B=D,BAL=A

28A



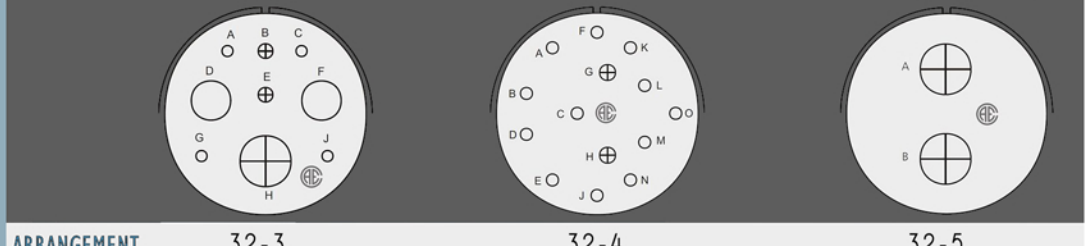
ARRANGEMENT	28A-51
NO. OF CONTACTS	43
CONTACT SIZE	16
SERVICE RATING	A

28L



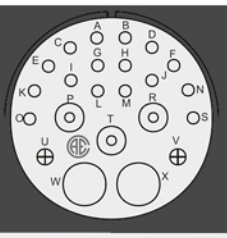
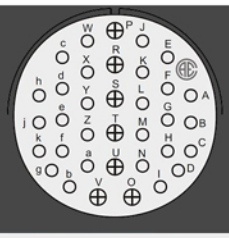
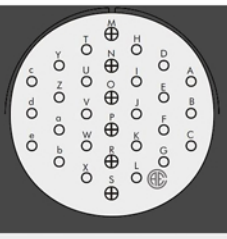
ARRANGEMENT	28L-6	28L-16	28L-61	28L-63
NO. OF CONTACTS	6	9	16	28
CONTACT SIZE	8	4-4,5-16	12	9-12,19-16
SERVICE RATING	A	A	A	A(e),INST.(BAL)

32

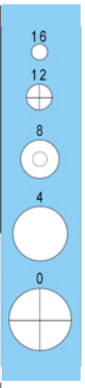


ARRANGEMENT	32-3	32-4	32-5
NO. OF CONTACTS	9	14	2
CONTACT SIZE	1-0,2-4,2-12,4-16	2-12,12-16	0
SERVICE RATING	D	FJKN=A, BAL=D	D

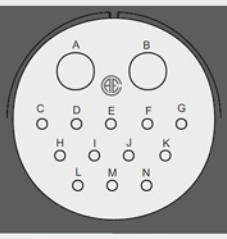
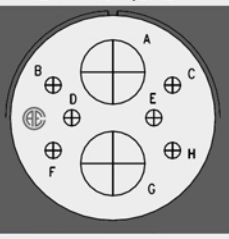
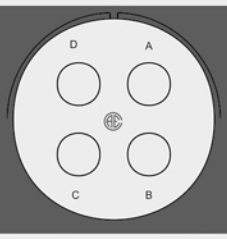
32

ARRANGEMENT	32-6	32-7	32-8
NO. OF CONTACTS	23	35	30
CONTACT SIZE	2-4,2-12,3-8,16-16	7-12,28-16	6-12,24-16
SERVICE RATING	A	ABHi=INST.,BAL=A	A

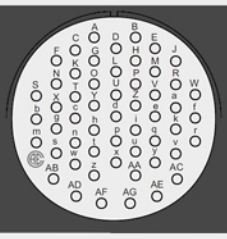
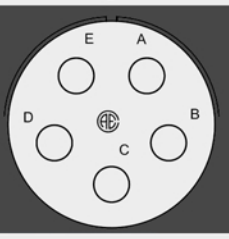
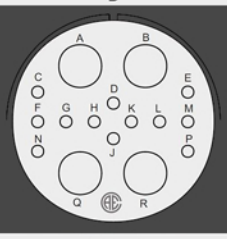


32

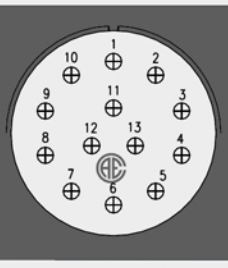
ARRANGEMENT	32-9	32-15	32-17
NO. OF CONTACTS	14	8	4
CONTACT SIZE	2-4,12-16	2-0,6-12	4
SERVICE RATING	D	D	D

32L

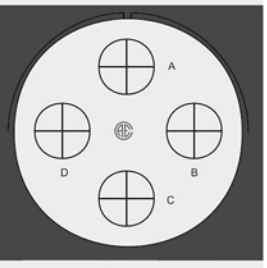
ARRANGEMENT	32L-10	32L-50	32L-68
NO. OF CONTACTS	54	5	16
CONTACT SIZE	16	4	4-4,12-16
SERVICE RATING	A	A	A

32BL



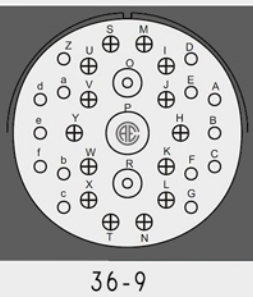
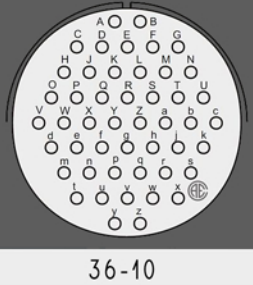
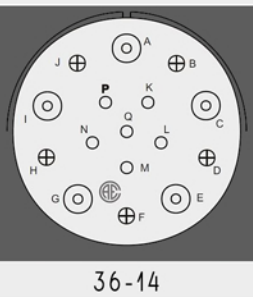
ARRANGEMENT	32BL-13
NO. OF CONTACTS	13
CONTACT SIZE	12
SERVICE RATING	D

36



ARRANGEMENT	36-5
NO. OF CONTACTS	4
CONTACT SIZE	0
SERVICE RATING	A

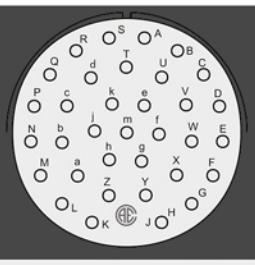
36

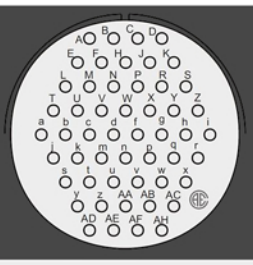




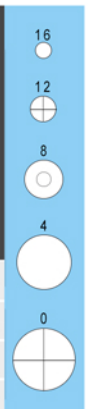
ARRANGEMENT	36-9	36-10	36-14
NO. OF CONTACTS	31	48	16
CONTACT SIZE	1-4,2-8,14-12,14-16	16	5-8,5-12,6-16
SERVICE RATING	A	A	D

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36

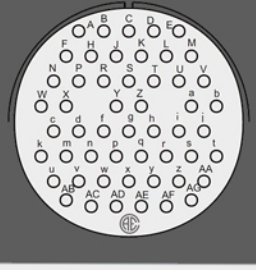


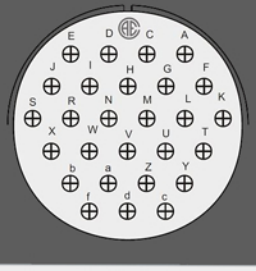




ARRANGEMENT	36-15	36-52
NO. OF CONTACTS	35	52
CONTACT SIZE	16	16
SERVICE RATING	M=D,BAL=A	A

36L

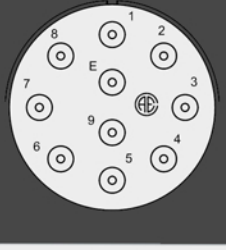






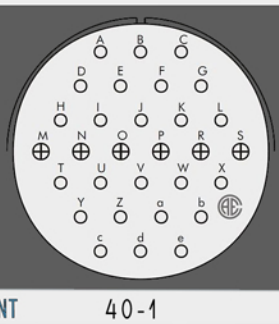
ARRANGEMENT	36L-34	36L-46	36L-78
NO. OF CONTACTS	52	27	14
CONTACT SIZE	16	12	2-16,12-8
SERVICE RATING	A	A	D

36L



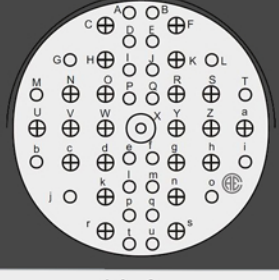
ARRANGEMENT	36L-100
NO. OF CONTACTS	10
CONTACT SIZE	8
SERVICE RATING	A

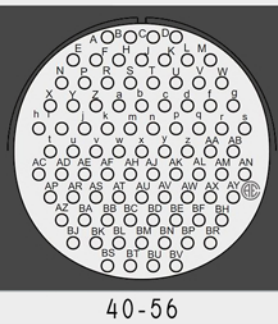
40



ARRANGEMENT	40-1
NO. OF CONTACTS	30
CONTACT SIZE	6-12,24-16
SERVICE RATING	D

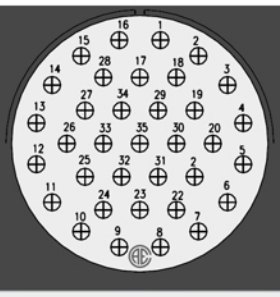
40



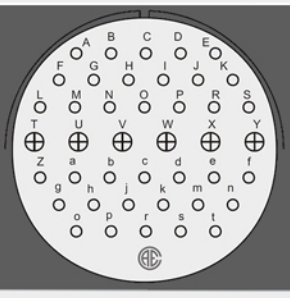


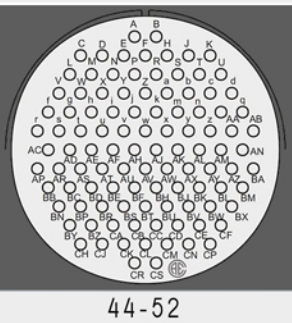
ARRANGEMENT	40-9	40-56
NO. OF CONTACTS	47	85
CONTACT SIZE	1-8,22-12,24-16	16
SERVICE RATING	A	A

40BL



ARRANGEMENT	40BL-35
NO. OF CONTACTS	35
CONTACT SIZE	12
SERVICE RATING	D





44

ARRANGEMENT	44-1	44-52
NO. OF CONTACTS	42	104
CONTACT SIZE	6-12,36-16	16
SERVICE RATING	D	A