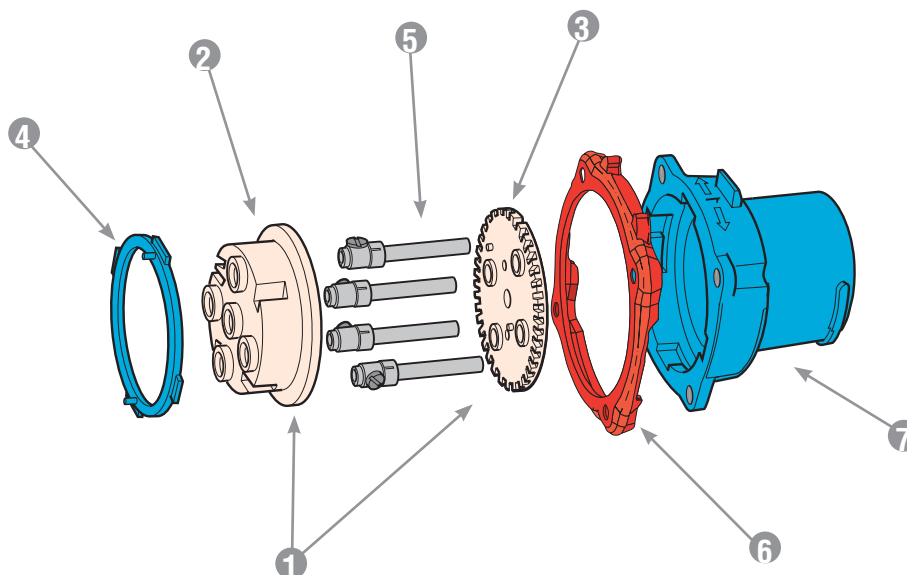


DR



Spare Parts

Male Configuration



	DR30 POLY	DR50 POLY	DR100 POLY	DR100 METAL	DR150 POLY	DR150 METAL	DR250 METAL
1 = Plug Interior	31-1A010*	31-3A010*	31-6A010*	31-6A010*	61-9A010*	69-9A010*	39-2A010*
1 = Plug Interior with Ground Contacts	-	-	-	39-6A110*	-	69-9A110*	39-2A110*
2 = Interior Bottom	31-1A010-B	31-3A010-B	31-6A010-B	31-6A010-B	61-9A551	69-9A551	39-2A010-B
3 = Interior Top	31-1A010-T*	31-3A010-T*	31-6A010-T*	31-6A010-T*	61-9A010-T*	69-9A010-T*	39-2A010-T*
4 = Polyester Locking Ring	31-1A583	31-3A583	31-6A583	-	31-9A583	-	-
4 = Metal Locking Ring	-	-	-	39-6A583	-	39-9A583	39-2A583
5 = Plug Phase Contact (If no aux. contacts)	31-1A011-380	31-3A011-380	31-6A011	31-6A011	61-9A011	61-9A011	39-2A011
5 = Plug Phase Contact (If plug has aux. contacts)	31-1A011	31-3A011-380	31-6A011	31-6A011	61-9A011	61-9A011	39-2A011
5 = Plug Ground Contact	31-1A019	31-3A019	31-6A019	39-6A019	61-9A019	69-9A019	39-2A019
6 = Color-Coded Voltage Gasket	 31-1AB26	31-3AB26	31-6AB26	31-6AB26	31-9AB26	31-9AB26	39-2AB26
	 31-1AC26	31-3AC26	31-6AC26	31-6AC26	31-9AC26	31-9AC26	39-2AC26
	 31-1AR26	31-3AR26	31-6AR26	31-6AR26	31-9AR26	31-9AR26	39-2AR26
	 31-1AN26	31-3AN26	31-6AN26	31-6AN26	31-9AN26	31-9AN26	39-2AN26
	 31-1AC26	31-3AC26	31-6AC26	31-6AC26	31-9AC26	31-9AC26	39-2AC26
7 = Plug Polyester Casing	31-1A014**	31-3A014**	31-6A014**	-	31-9A014**	-	-
7 = Plug Metal Casing	-	-	-	39-6A014**	-	39-9A014**	39-2A014**
Ground Ring (Not Shown)	-	-	-	39-6A523	-	39-9A523P	39-2A523

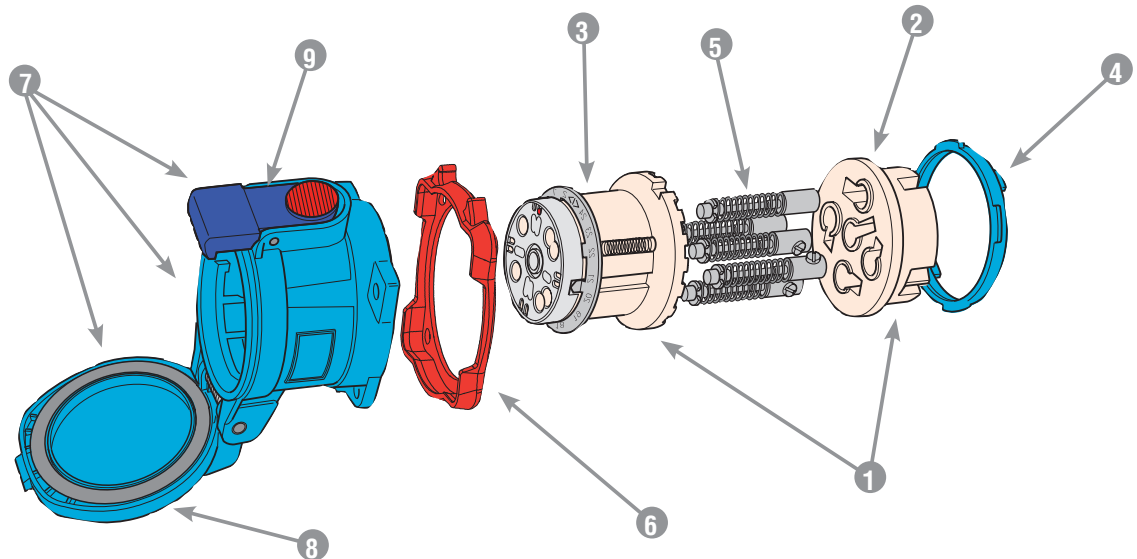
* Voltage and phasing positions must be specified (5th, 6th & 7th digit of Part #) to duplicate your shutter and alignment notches.

** For appropriate labeling on a device, please specify voltage, phasing, and product type

Spare Parts

Female Configuration

DR



	DR30 POLY	DR50 POLY	DR100 POLY	DR100 METAL	DR150 POLY	DR150 METAL	DR2530 METAL
1 = Receptacle Interior	31-1A020*	31-3A020*	31-6A020*	31-6A020*	61-9A020*	69-9A020*	39-2A020*
1 = Receptacle Interior with Ground Contacts	-	-	-	39-6A220*	-	69-9A220*	39-2A220*
2 = Interior Bottom	31-1A020-B	31-3A020-B	31-6A020-B	31-6A020-B	61-9A552	69-9A552	39-2A020-B
3 = Interior Top	31-1A020-T*	31-3A020-T*	31-6A020-T*	31-6A020-T*	61-9A020-T*	69-9A020-T*	39-2A020-T*
4 = Polyester Locking Ring	31-1A583	31-3A583	31-6A583	-	31-9A583	-	-
4 = Metal Locking Ring	-	-	-	39-6A583	-	39-9A583	39-2A583
5 = Recept Phase Contact (If no aux. contacts)	31-1A021-380	31-3A021-380	31-6A021	31-6A021	61-9A021	61-9A021	39-2A021
5 = Recept Phase Contact (If plug has aux. contacts)	31-1A021	31-3A021-380	31-6A021	31-6A021	61-9A021	61-9A021	39-2A021
5 = Recept Ground Contact	31-1A029	31-3A029	31-6A029	39-6A029	61-9A029	69-9A029	39-2A029
6 = Color-Coded Voltage Gasket	208V 250V 480V 600V 125V	31-1AB26 31-1AC26 31-1AR26 31-1AN26 31-1AC26	31-3AB26 31-3AC26 31-3AR26 31-3AN26 31-3AC26	31-6AB26 31-6AC26 31-6AR26 31-6AN26 31-6AC26	31-9AB26 31-9AC26 31-9AR26 31-9AN26 31-9AC26	31-9AB26 31-9AC26 31-9AR26 31-9AN26 31-9AC26	39-2AB26 39-2AC26 39-2AR26 39-2AN26 39-2AC26
7 = Receptacle Polyester Casing with Lid	31-1A024**	31-3A024**	31-6A024**	-	31-9A024**	-	-
7 = Receptacle Metal Casing with Lid	-	-	-	39-6A024**	-	39-9A024**	39-2A024**
Ground Ring (Not Shown)	-	-	-	39-6A523	-	39-9A523	39-2A523
8 = Lid Replacement Kit Polyester	31-1A125	31-3A125	31-6A125	-	61-9A125	-	-
8 = Lid Replacement Kit Metal	-	-	-	39-6A925	-	39-9A925	39-2A925
9 = Pawl Replacement Kit Polyester	31-1A824	31-3A824	31-6A824	-	61-9A824	-	-
9 = Pawl Replacement Kit Metal	-	-	-	39-6A824	-	39-9A824	39-2A824

* Voltage and phasing positions must be specified (5th, 6th & 7th digit of Part #) to duplicate your shutter and alignment notches.

** For appropriate labeling on a device, please specify voltage, phasing, and product type

For replacement parts contact customer service at 800.433.7642

DR

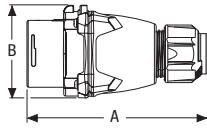


Dimensions

Inlet – Provided in inches

Dimensions are for reference only and may change depending on accessories used. For precise dimensions contact Meltric Engineering.

Plug

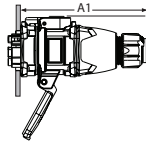


PRODUCT	A	B
DR30	5.72	2.79
DR50	6.15	3.23
DR100/DR7	6.70	3.77
DR150	8.09	4.79
DR250	10.30	5.67

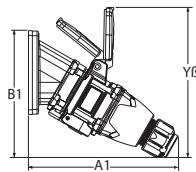
30° inclined inlet/angle with connector

PRODUCT	A1	B1	YB
DR30	7.50	6.59	7.60
DR50	8.05	6.89	8.44
DR100/DR7	7.90	5.35	9.09
DR150	12.34	10.00	11.34
DR250 60°	11.08	16.81	

Inlet with connector

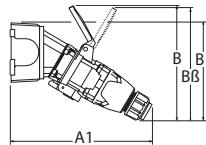


PRODUCT	A1
DR30	6.67
DR50	7.05
DR100/DR7	8.05
DR150	10.29
DR250	12.44



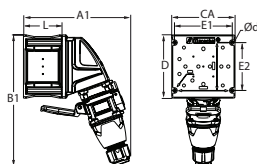
30° inclined inlet/angle/ junction box with connector

PRODUCT	A1	B	B1	Bβ
DR30	9.23	7.56	6.74	6.85
DR50	10.30	7.51	7.02	8.46
DR100/DR7	11.87	9.09	8.19	10.00
DR150	16.06	12.24	10.00	
DR250 60°	15.76	16.81	13.66	



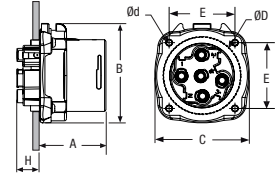
70° inclined inlet/wall box with connector

PRODUCT	A1	B1	CA	D	E1	E2	L	Ød
DR30	8.42	10.50	5.04	5.04	4.57	3.78	3.07	0.26
DR50	9.53	12.32	6.69	6.69	6.14	5.43	3.07	0.26
DR100/DR7	9.84	13.31	6.69	6.69	6.14	5.43	3.07	0.26



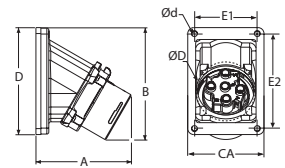
Inlet

PRODUCT	A	B	C	E	H	Ød	ØD
DR30	1.86	2.76	2.57	1.89	0.72	0.20	2.07
DR50	2.07	3.23	3.07	2.17	0.86	0.20	2.48
DR100/DR7	2.38	3.77	3.60	2.60	1.04	0.24	3.15
DR150	2.96	4.79	4.50	3.19	1.09	0.24	3.81
DR250	3.20	5.67	5.79	3.86	1.46	0.26	4.57



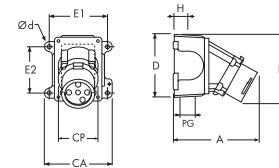
30° inlet/angle

PRODUCT	A	B	CA	D	E1	E2	Ød	ØD
DR30	3.54	4.56	3.00	4.21	2.48	3.74	0.22	2.25
DR50	3.93	4.80	3.00	4.21	2.48	3.74	0.22	2.36
DR100/DR7	4.42	5.84	4.02	5.35	3.43	4.80	0.26	2.76
DR150	6.11	6.50	5.57	5.57	4.83	4.83	0.28	4.72
DR250 60°	6.90	9.10	7.20	7.20	6.50	6.50	0.25	4.80



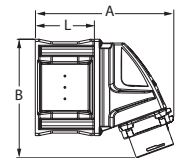
inlet/angle/ metal junction box

PRODUCT	A	B	CA	CP	D	E1	E2	H	PG	Ød
DR30	5.89	4.69	4.40	2.48	4.50	3.75	2.75	1.10	1.00	0.27
DR50	6.26	4.91	4.40	2.48	4.50	3.75	2.75	1.10	1.00	0.27
DR100/DR7	7.50	6.00	5.75	3.44	5.84	5.00	3.82	1.50	1.50	0.33
DR150	9.81	6.50	7.50	4.83	5.50	6.75	4.24	1.84	2.00	0.31
DR250 60°	11.60	8.96	9.26	6.50	7.25	8.13	6.38	1.92	2.50	0.31



70° inlet/wall box

PRODUCT	A	B	L
DR30	7.17	6.14	3.07
DR50	8.19	7.70	3.07
DR100/DR7	8.31	8.31	3.07



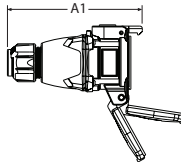
Dimensions

Receptacle – Provided in inches

DR

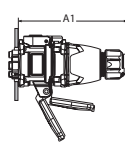
Dimensions are for reference only and may change depending on accessories used. For precise dimensions contact Meltric Engineering.

connector



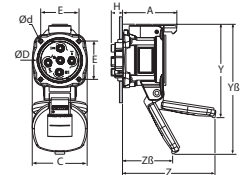
PRODUCT	A1
DR30	6.38
DR50	6.93
DR100/DR7	7.75
DR150	9.75
DR250	10.87

receptacle with plug



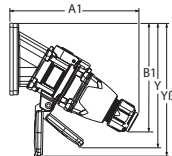
PRODUCT	A1
DR30	6.67
DR50	7.05
DR100/DR7	8.05
DR150	10.29
DR250	12.06

receptacle



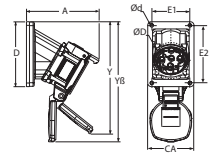
PRODUCT	A	C	E	H	Y	YB	Z	ZB	Ød	ØD
DR30	2.60	2.61	1.89	0.70	4.14	6.32	4.63	1.93	0.20	2.25
DR50	2.87	3.04	2.17	0.86	4.48	7.16	4.84	2.33	0.20	2.68
DR100/DR7	3.37	3.59	2.60	1.16	6.57	8.46	5.91	2.76	0.22	3.21
DR150	4.60	4.46	3.19	1.09	8.03	10.94	8.70	3.46	0.24	3.81
DR250	4.75	5.16	3.86	1.46	7.99	11.54	8.62	2.48	0.26	4.57

30° inclined receptacle/angle with plug



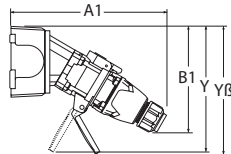
PRODUCT	A1	B1	Y	YB
DR30	7.50	6.59	6.86	7.87
DR50	8.05	6.89	8.87	8.44
DR100/DR7	7.90	8.07	10.00	10.16
DR150	12.34	10.00	12.05	12.05
DR250 60°	11.08	16.67	15.03	

30° receptacle/angle



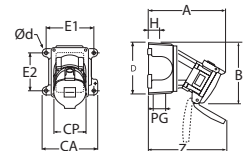
PRODUCT	A	D	E1	E2	Y	YB	Ød	ØD
DR30	4.51	4.25	2.48	3.74	6.84	7.87	0.22	2.25
DR50	4.91	4.25	2.48	3.74	8.79	8.43	0.22	2.25
DR100/DR7	5.62	5.35	3.43	4.80	9.11	10.32	0.26	2.76
DR150	7.89	5.57	4.83	4.83	12.05	12.05	0.28	4.72
DR250 60°	8.43	7.20	6.50	6.50	15.08		0.25	4.80

30° inclined receptacle/angle/junction box with plug



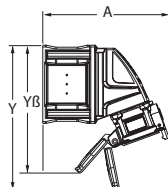
PRODUCT	A1	B1	Y	YB
DR30	9.84	6.73	7.29	7.94
DR50	10.30	7.02	8.39	8.39
DR100/DR7	11.87	8.19	10.45	9.24
DR150	16.06	9.53	11.77	
DR250 60°	15.76	13.66	11.54	

receptacle/angle/metal junction box



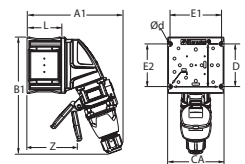
PRODUCT	A	B	CA	CP	D	E1	E2	H	PG	Z	Ød
DR30	6.86	5.37	4.40	2.61	4.50	3.75	2.75	1.10	1.00	6.77	0.27
DR50	7.25	5.62	4.40	2.70	4.50	3.75	2.75	1.10	1.00	6.77	0.27
DR100/DR7	8.75	7.00	5.75	3.44	5.84	5.00	3.82	1.50	1.50	7.56	0.33
DR150	11.50	7.80	7.50	4.83	5.50	6.75	4.24	1.84	2.00	10.28	0.33
DR250 60°	13.11	9.77	9.25	6.50	7.25	8.13	6.38	1.92	2.50	11.89	0.33

70° inclined receptacle/wall box with plug



PRODUCT	A	Y	YB
DR30	8.03	9.25	9.24
DR50	9.06	9.57	11.30
DR100/DR7	9.33	12.56	10.59

70° receptacle/wall box



PRODUCT	A1	B1	CA	D	E1	E2	L	Z	Ød
DR30	8.41	10.50	5.00	5.00	4.57	3.78	3.07	4.91	0.26
DR50	9.53	12.32	6.69	6.69	6.14	5.43	3.07	4.91	0.26
DR100/DR7	9.76	13.03	6.69	6.69	6.22	5.47	3.07	4.09	0.26



Visit Meltric.com to view and download detailed DR drawing files.

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