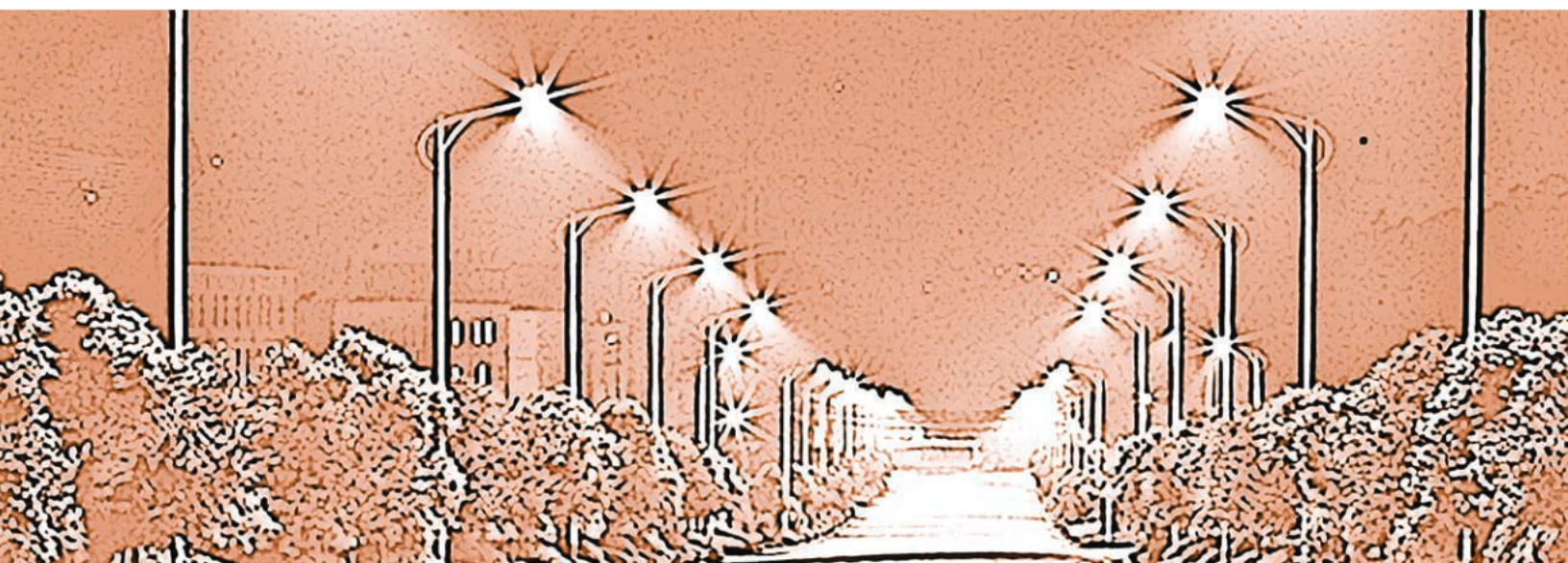


MIR MANUFACTURERA DE REACTORES



CATÁLOGO GENERAL DE PRODUCTOS

Fabricante de balastros desde 1962



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Presentación

La credibilidad de nuestra empresa se ha basado en el trato claro, ético y honesto, lo que nos ha permitido consolidar relaciones a largo plazo.

MR es una empresa mexicana presente en el mercado desde hace 50 años. Entre otras, su principal actividad ha sido el diseño, desarrollo, manufactura y distribución de balastros multi-voltajes electromagnéticos específicamente para lámparas de descarga de alta intensidad.

- Sodio en alta y baja presión: Bajas pérdidas, Reactor serie.
- Aditivos Metálicos: HQL, Master Color, Metalarc.
- Dispositivos ahorradores: Balastros para potencias y voltajes especiales.

MR participa en grupos técnicos nacionales e internacionales con el fin de mantenerse actualizado en sus procesos productivos y en el diseño de sus productos:

- Comité para lámparas y balastros de la *American National Standard Institute*, ANSI.
- *Illuminating Engineering Society of North America*, IESNA.
- Asociación Nacional de Normalización y Certificación del Sector Eléctrico, ANCE.
- MR es miembro cotidiano de los comités nacionales de normalización tanto para normas voluntarias NMX, como para normas obligatorias NOM.

Su experiencia de más de 50 años ha permitido desarrollar el conocimiento del mercado para ofrecer a nuestros clientes una cadena de suministro adecuada a sus necesidades y expectativas. Estamos comprometidos a diseñar, desarrollar y producir balastros con calidad, costo, tiempo de entrega y funcionalidad necesarias para que se conviertan en la mejor opción del mercado.

Contamos con la Certificación Internacional de Calidad ISO 9001:2008, con la cual manifestamos nuestro compromiso de mejorar continuamente nuestro sistema de gestión de calidad en todos nuestros procesos de producción y comercialización.



-
1. Diseñamos los balastros más pequeños del mercado gracias a la lámina de acero al silicio del tipo Fully Process y bajas pérdidas.
 2. Su tamaño permite que sean los más eficientes y prácticos a la hora de instalarse con las luminarias.
 3. Damos mayor vida que los de cualquier otro fabricante. Nuestros productos soportan hasta 12,000 Volts gracias al aislante dieléctrico (doble capa) y su aislante térmico de gran espesor evita que se degrade o se dañe.
 4. Nuestros capacitores aseguran una vida útil mayor a 30,000 horas, gracias a su bajo factor de disipación y alta resistencia al aislamiento.
 5. Nuestros ignitores evitan el sobrecalentamiento de los componentes que lo conforman, debido a que incorporan termo-protectores, los cuales permiten desconectar dicho ignitor cuando la lámpara no encienda, esté dañada o rota, alargando así la vida útil.
 6. Diseñados contra altas temperaturas. Los cables eléctricos soportan hasta 200°C, se evita además la oxidación y falsos contactos gracias a sus 16 hilos de cobre estañados, permitiendo una óptima flexibilidad.
 7. Mayor resistencia de aislamiento en todos los componentes gracias al barniz de impregnación que se aplica al alto vacío.

Aplicaciones:

- Alumbrado público: calles, carreteras, avenidas, etc.
- Alumbrado industrial: naves industriales, plantas de producción, muelles, etc.
- Alumbrado comercial: clubes de precio, almacenes, supermercados, etc.
- Alumbrado deportivo: canchas de tenis, de futbol, etc.



CATÁLOGO: BALASTROS PARA LÁMPARAS DE VAPOR DE SODIO



PRODUCTO No.	BALASTROS PARA LÁMPARAS DE VAPOR DE SODIO	POTENCIA LÁMPARA W	TENSIÓN DE LÍNEA Vrem	CORRIENTE DE LÍNEA Arem	POTENCIA LÍNEA W	DIAGRAMA	CIRCUITO ABIERTO Vrem
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Balastro autotransformador autorregulado alto factor de potencia para lámparas Vapor de Sodio en baja presión 60 Hz

1961108	A18S127/220/254/277S	18	127/220/254/277	0,757/0,466/0,383/0,351	26	18	300
1961152	A35/55S127/220S	35/55	127/220	0,41/0,24	70	8	410
1961325	A90S127/220 S	90	127/220	1,0/0,6	125	8	490
1961450	A135/180S220S	135/180	220	0,92	195	7	600

Balastro reactor serie, bajo factor de portencia para lámparas de Vapor de Sodio en alta presión 60 Hz

1930034	S35LU127S B.F.	35	127	0,83	43	5	127
1930056	S50LU127S B.F.	50	127	1,13	74	5	127
1930067	S70LU127S B.F.	70	127	1,60	90	5	127
1930100	S100LU127S B.F.	100	127	2,1	130	5	127

Balastro reactor serie, alto factor de potencia para lámparas de Vapor de Sodio en alta presión 60 Hz

1930068	S70LU127S A.F.P.	70	127	0,67	83	16	127
1900190	S250SON220S	250	220	1,3	275	5	220

Balastro autotransformador en atraso, alto factor de potencia para lámparas de Vapor de Sodio en alta presión 60 Hz

1940501	AX50LU127/220/240S	50	127/220/240	0,54/0,31/0,28	65	10	128
1940511	AX50LU120/208/240S	50	120/208/240	0,57/0,33/0,28	65	10	130
1941300	AX70SON127/220/240S	70	127/220/240	0,77/0,45/0,41	96	10	215
1940900	AX70LU120/208/240/277S	70	120/208/240/277	0,85/0,48/0,42/0,37	94	9	128
1941105	AX70LU127/220/240S	70	127/220/240	0,79/0,45/0,41	96	10	128
1941127	AX70LU254/277S	70	254/277	0,40/0,36	97	8	128
1941110	AX70LU440S	70	440	0,23	97	7	128
1941310	AX100SON127/220/240S	100	127/220/240	0,99/0,57/0,52	127	10	210
1941135	AX100LU120/208/240/277S	100	120/208/240/277	1,11/0,64/0,55/0,48	127	9	128
1941150	AX100LU127/220/240S	100	127/220/240	1,01/0,63/0,59	132	10	125
1941160	AX100LU254/277S	100	254/277	0,55/0,50	127	8	125
1941320	AX150SON127/220/240S	150	127/220/240	1,5/0,87/0,79	190	10	210
1941241	AX150LU127/220/240S	150	127/220/240	1,5/0,88/0,82	185	10	120
1941230	AX150LU127/220/254/277S	150	127/220/254/277	1,50/0,88/0,76/0,70	185	9	120
1941330	AX250SON127/220/240S	250	127/220/240	2,36/1,36/1,26	285	10	210

PRODUCTO No.	BALASTROS PARA LÁMPARAS DE VAPOR DE SODIO	POTENCIA LÁMPARA W	TENSIÓN DE LÍNEA Vrem	CORRIENTE DE LÍNEA Arem	POTENCIA LÍNEA W	DIAGRAMA	CIRCUITO ABIERTO Vrem
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Balastro autotransformador autorregulado en adelante, alto factor de potencia para lámparas de Vapor de Sodio en alta presión 60 Hz

1950035	A35LU127/220/240S	35	127/220/240	0,38/0,23/0,215	50	13	130
1950038	A35LU254/277S	35	254/277	0,205/0,190	50	12	130
1950070	A70LU127/220S	70	127/220	0,73/0,42	90	12	115
1950098	A100SON127/220/240S	100	127/220/240	1,0/0,61/0,56	127	13	210
1950085	A100LU220S	100	220	0,60	127	11	116
1950097	A100LU440S	100	440	0,31	127	11	116
1950120	A150LU120/208/240/277/S	150	120/208/240/277	1,62/0,93/0,81/0,71	187	14	138
1950104	A150LU127/220/240S	150	127/220/240	1,53/0,88/0,81	187	13	138
1950108	A150LU127/220/254/277S	150	127/220/254/277	1,54/0,89/0,77/0,71	187	14	138
1950199	A150/120LU127/220/240S	150	127/220/240	1,53/0,88/0,81	187	21	138
1950210	A150/120LU220/240S	150	220/240	0,88/0,81	187	20	138
1950110	A150LU440/480S	150	440/480	0,45/0,41	187	12	138
1950900	A250LU120/208/240/277S	250	120/208/240/277	2,57/1,481,28/1,12	296	14	190
1951101	A250LU127/220/254/277S	250	127/220/254/277	2,43/1,4/1,22/1,12	296	14	190
1951123	A250LU220/240S	250	220/240	1,40/1,28	296	12	190
1951156	A250/180LU220S	250	220	1,4	296	15	190
1951194	A250LU480S	250	480	0,64	296	11	190
1951198	A250LU440/480S	250	440/480	0,70/0,64	296	12	190
1951250	A400LU120/208/240/277S	400	120/208/240/277S	4,6/2,34/2,03/1,76	468	14	194
1951307	A400LU127/220/254/277S	400	127/220/254/277	3,84/2,22/1,92/1,76	468	14	194
1951330	A400LU220S	400	220	2,2	468	11	194
1951500	A400/260LU220S	400	220	2,22	468	15	194
1951390	A400LU440/480S	400	440,480	1,11/1,02	468	12	194
1951615	A1000LU127S	1000	127	9,07	1095	11	400
1951600	A1000LU208S	1000	208	5,54	1095	11	400
1951616	A1000LU220S	1000	220	5,18	1095	11	400
1951622	A1000LU220/240S	1000	220/240	5,18/4,75	1095	12	400
1951627	A1000LU254/277S	1000	254/277	4,50/4,12	1095	12	400
1951671	A1000LU440S	1000	440	2,51	1095	11	400
1951682	A1000LU480S	1000	480	2,40	1095	11	400

Balastro de BAJAS PERDIDAS autotransformador autorregulado en adelante alto factor de potencia 60 Hz

1950075	A70LU127/220/240S B.P.	70	127/220/240	0,73/0,42/0,39	86	13	115
1950212	A70SON127/220/240S B.P.	70	127/220/240	0,68/0,40/0,36	86	13	200
1950102	A100LU127/220/240S B.P.	100	127/220/240	1,0/0,6/0,53	123	13	118
1950100	A100LU220S B.P.	100	220	0,60	123	11	118
1950215	A100SON127/220/240S B.P.	100	127/220/240	0,99/0,57/0,52	123	13	200
1950155	A150LU220S B.P.	150	220	0,85	172	11	110
1950160	A150LU127/220/240S B.P.	150	127/220/240	1,44/0,85/0,76	172	13	110
1950225	A150SON127/220/240S B.P.	150	127/220/240	1,47/0,85/0,78	172	13	200
1950250	A250LU220S B.P.	250	220	1,38	287	11	206
1951125	A250LU127/220/240S B.P.	250	127/220/240	2,36/1,38/1,25	287	13	209
1951135	A250LU277S B.P.	250	277	1,09	287	11	206
1950235	A250SON127/220/240S B.P.	250	127/220/240	2,35/1,38/1,25	287	13	200
1950400	A400LU220S B.P.	400	220	2,13	460	11	195
1951340	A400LU127/220/240S B.P.	400	127/220/240	3,70/2,13/1,96	460	13	195

DIMENSIONES: BALASTROS PARA LÁMPARAS DE VAPOR DE SODIO

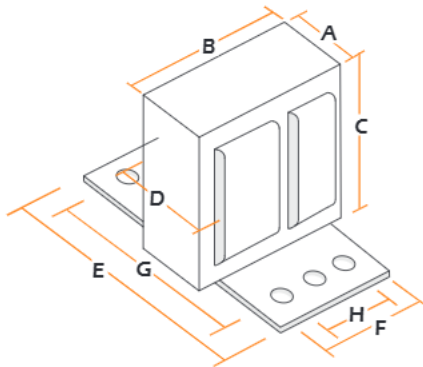


FIG. 1

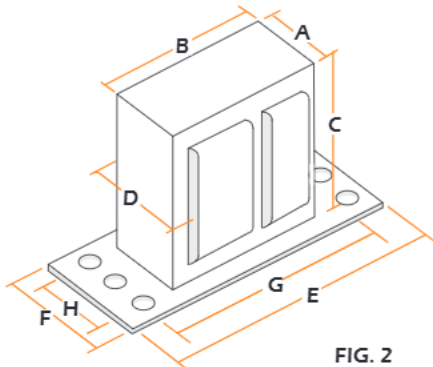


FIG. 2

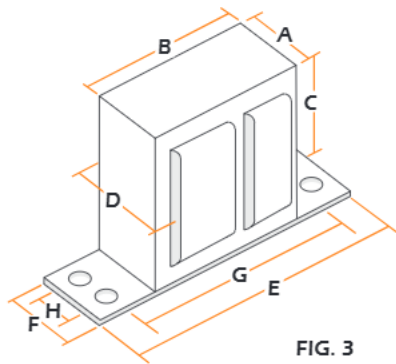


FIG. 3

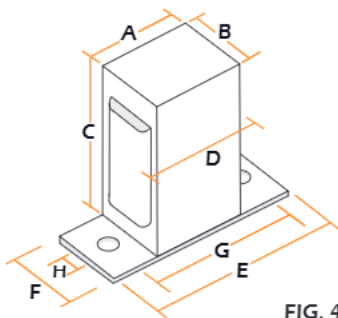


FIG. 4

	PRODUCTO No.	CATÁLOGO	FIG.	A	B	C	D	E	F	G	H
Dimensiones en (mm)											
BAJA PRESIÓN	1961108	A18S127/220/254/277S	3	28	101	78	60	160	30	128	15
	1961152	A35/55S127/220S	3	61	101	78	95	160	30	128	15
	1961325	A90S127/220S	3	61	101	78	95	160	30	128	15
	1961450	A135/180S220S	2	75	119	96	110	155	90	128	75
REACTOR SERIE	1930034	S35LU127S B.F.	4	37	56	47	70	91	30	75	6
	1930056	S50LU127S B.F.	4	37	56	47	70	91	30	75	6
	1930067	S70LU127S B.F.	4	50	56	47	77	91	30	75	6
	1930100	S100LU127S B.F.	4	70	56	47	99	91	30	75	6
	1930068	S70LU127S A.F.P.	4	50	56	47	77	91	30	75	6
	1900190	S250SON220S	4	115	56	47	140	160	30	128	15
AUTORREGULADO EN ATRÁS	1940501	AX50LU127/220/240S	3	28	101	78	60	160	30	128	15
	1940511	AX50LU120/208/240S	3	28	101	78	60	160	30	128	15
	1941300	AX70SON127/220/240S	3	28	101	78	60	160	30	128	15
	1940900	AX70LU120/208/240/277S	3	36	101	78	70	160	30	128	15
	1941105	AX70LU127/220/240S	3	36	101	78	70	160	30	128	15
	1941127	AX70LU254/277S	3	36	101	78	70	160	30	128	15
	1941110	AX70LU254/277S	3	36	101	78	70	160	30	128	15
	1941310	AX100SON127/220/240S	3	36	101	78	70	160	30	128	15
	1941135	AX100LU120/208/240/277S	3	45	101	78	80	160	30	128	15
	1941150	AX100LU127/220/240S	3	45	101	78	80	160	30	128	15
	1941160	AX100LU254/277S	3	50	101	78	75	160	30	128	15
	1941320	AX150SON127/220/240S	3	50	101	78	75	160	30	128	15
	1941241	AX150LU127/220/240S	2	61	101	78	90	160	30	128	15
	1941230	AX150LU127/220/254/277S	3	38	119	94	76	160	30	128	15
	1941330	AX250SON127/220/240S	2	70	101	78	105	155	90	128	75
AUTORREGULADO EN ADELANTO	1950035	A35LU127/220/240S	3	36	101	78	70	160	30	128	15
	1950038	A35LU254/277S	3	36	101	78	70	160	30	128	15
	1950070	A70LU127/220S	3	36	101	78	70	160	30	128	15
	1950098	A100SON127/220/240S	3	36	101	78	70	160	30	128	15
	1950085	A100LU220S	2	61	101	78	95	155	90	128	75
	1950097	A100LU440S	2	61	101	78	95	160	30	128	15
	1950120	A150LU120/208/240/277S	2	70	101	78	105	155	90	128	75
	1950104	A150LU127/220/240S	2	70	101	78	105	155	90	128	75
	1950108	A150LU127/220/254/277S	2	70	101	78	105	155	90	128	75
	1950199	A150/120LU127/220/240S	2	70	101	78	105	155	90	128	75
	1950210	A150/120LU220/240S	2	70	101	78	105	155	90	128	15
	1950110	A150LU440/480S	2	45	119	94	86	155	90	128	75
	1950900	A250LU120/208/240/277S	2	50	119	94	90	155	90	128	75
	1951101	A250LU127/220/254/277S	2	50	119	94	90	155	90	128	75
	1951123	A250LU220/240S	2	50	119	94	90	155	90	128	75

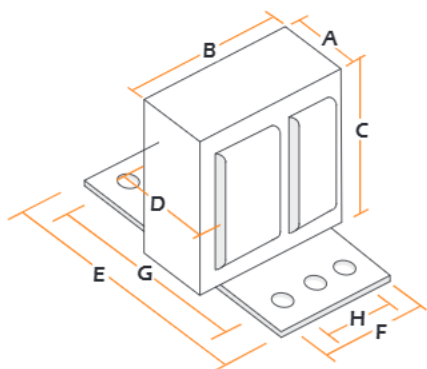


FIG. 1

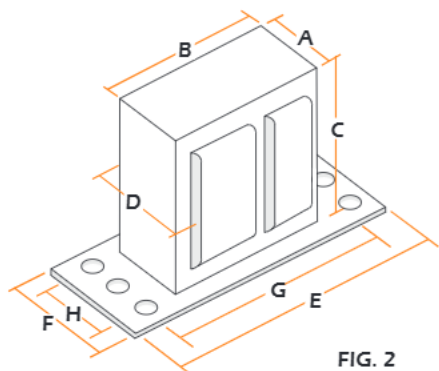


FIG. 2

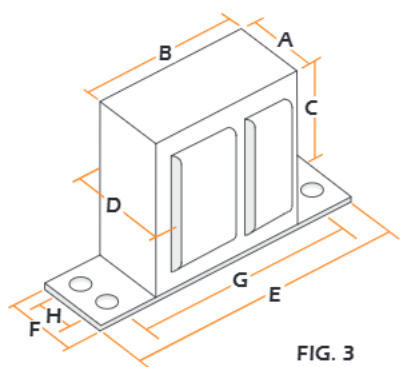


FIG. 3

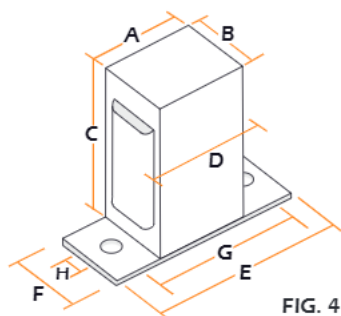


FIG. 4

PRODUCTO No.	CATÁLOGO	FIG.	A	B	C	D	E	F	G	H
1951156	A250/180LU220S	2	50	119	94	90	155	90	128	75
1951194	A250LU480S	2	55	119	94	95	155	90	128	75
1951198	A250LU440/480S	2	55	119	94	95	155	90	128	75
1951250	A400LU120/208/240/277S	2	75	119	94	110	155	90	128	75
1951307	A400LU127/220/254/277S	2	58	147	108	98	155	90	128	75
1951330	A400LU220S	2	75	119	94	110	155	90	128	75
1951500	A400/260LU220S	2	75	119	94	110	155	90	128	75
1951390	A400LU440/480S	2	58	147	108	98	155	90	128	75
1951615	A1000LU127S	1	101	147	108	140	155	90	128	75
1951600	A1000LU208S	1	101	147	108	140	155	90	128	75
1951616	A1000LU220S	1	101	147	108	140	155	90	128	75
1951622	A1000LU220/240S	1	101	147	108	140	155	90	128	75
1951627	A1000LU254/277S	1	101	147	108	140	155	90	128	75
1951671	A1000LU440S	1	101	147	108	140	155	90	128	75
1951682	A1000LU480S	1	101	147	108	140	155	90	128	75

AUTORREGULADO EN ADEANTO

1950075	A70LU127/220/240S B.P.	3	36	101	78	70	160	30	128	15
1950212	A70SON127/220/240S B.P.	3	36	101	78	70	160	30	128	15
1950102	A100LU127/220/240S B.P.	2	61	101	78	90	155	90	128	75
1950100	A100LU220S B.P.	2	61	101	78	90	155	90	128	75
1950215	A100SON127/220/240S B.P.	3	45	101	78	75	160	30	128	15
1950155	A150LU220S B.P.	2	80	101	78	110	155	90	128	75
1950160	A150LU127/220/240S B.P.	2	80	101	78	110	155	90	128	75
1950225	A150SON127/220/240S B.P.	2	70	101	78	105	155	90	128	75
1950250	A250LU220S B.P.	2	55	119	94	88	155	90	128	75
1951125	A250LU127/220/240S B.P.	2	55	119	94	88	155	90	128	75
1951135	A250LU277S B.P.	2	55	119	94	88	155	90	128	75
1950235	A250SON127/220/240S B.P.	2	55	119	94	88	155	90	128	75
1950400	A400LU220S B.P.	2	75	119	94	110	155	90	128	75
1951340	A400LU127/220/240S B.P.	2	75	119	94	110	155	90	128	75

BAJAS PERDIDAS

CATÁLOGO: BALASTROS PARA LÁMPARAS DE ADITIVOS METÁLICOS

HQI: Metalarc Compacto: Master Color



PRODUCTO No.	BALASTROS PARA LÁMPARAS DE ADITIVOS METÁLICOS	POTENCIA LÁMPARA W	TENSIÓN LÍNEA V _{rem}	CORRIENTE DE LÍNEA A _{rem}	POTENCIA LÍNEA W	DIAGRAMA	CIRCUITO ABIERTO V _{rem}
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Balastro autotransformador en atraso, alto factor de potencia para lámparas Metalarc Compacto 60 Hz

1900003	AX35Q127/220/254/277S	35	127/220/254/277	0,43/0,25/0,22/0,20	52	9	240
1900800	AX35Q120/208/240/277S	35	120/208/240/277	0,46/0,26/0,23/0,20	52	9	240
1900900	AX70Q120/208/240/277S	70	120/208/240/277	0,82/0,47/0,41/0,35	93	9	240
1900013	AX70Q127/220/240S	70	127/220/240	0,77/0,44/0,41	93	10	240
1900015	AX70Q127/220/254/277S	70	127/220/254/277	0,77/0,44/0,37/0,35	93	9	240
1900050	AX100Q127/220/240S PLUS	100	127/220/240	1,05/0,60/0,55	125	10	240
1901000	AX100Q120/208/240/277S	100	120/208/240/277	1,11/0,64/0,56/0,48	127	9	250
1901011	AX100Q127/220/254/277S	100	127/220/254/277	1,05/0,60/0,52/0,48	127	9	250
1901002	AX100Q480S	100	480	0,28	127	7	250
1900080	AX150Q127/220/240S PLUS	150	127/220/240	1,52/0,89/0,82	178	10	242
1900105	AX150Q127/220/240S	150	127/220/240	1,52/0,89/0,82	184	10	242
1900110	AX150Q254/277S	150	254/277	0,76/0,70	184	8	242
1901005	AX150Q120/208/240/277	150	120/208/240/277	1,62/0,94/0,81/0,70	184	9	242
1900120	AX150Q440S	150	440	0,44	184	7	242
1900130	AX150Q480S	150	480	0,420	184	7	242

Balastro autotransformador autorregulado, alto factor de potencia para lámparas Metalarc Compacto 60 Hz

1900250	A250Q120/208/240/277S	250	120/208/240/277	2,52/1,66/1,26/1,09	290	14	200
1900350	A250Q127/220/254/277S	250	127/220/254/277	2,40/1,38/1,20/1,10	290	14	200
1900300	A250Q220/240S	250	220/240	1,38/1,27	290	12	200
1900500	A400Q127S	400	127	3,68	445	11	235
1900506	A400Q220S	400	220	2,12	445	11	235
1900550	A400Q254/277S	400	254/277	1,84/1,69	445	12	235
1902301	A1800Q440S	1800	440	4,54	1900	1	390
1902401	A2000Q440S	2000	440	5,0	2150	1	390

PRODUCTO No.	BALASTROS PARA LÁMPARAS DE ADITIVOS METÁLICOS	POTENCIA LÁMPARA W	TENSIÓN LÍNEA V _{rem}	CORRIENTE DE LÍNEA A _{rem}	POTENCIA LÍNEA W	DIAGRAMA	CIRCUITO ABIERTO V _{rem}
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Balastro reactor serie, alto factor de potencia para lámparas de Metalarc Compacto 60 Hz

1900139	S35Q220/277S	35	220/277	0,215/0,170	45	17	220
1900133	S70Q208S	70	208	0,42	85	16	208
1900140	S70Q220/277S	70	220/277	0,415/0,33	85	17	220
1900137	S100Q220S	100	220	0,55	115	16	220
1900144	S100Q277S	100	277	0,48	115	16	277
1900148	S150Q220/277S	150	220/277	0,81/0,64	175	17	220
1900158	S150Q220S PLUS	150	220	0,84	175	16	220
1900180	S150Q254S	150	254	0,72	175	16	254
1900195	S250MP220S	250	220	1,25	270	16	220

Balastro autotransformador autorregulado alto factor de potencia para lámparas de Aditivos Metálicos de Pulso 60 Hz

1900590	A175MP127/220/240S	175	127/220/240	1,80/1,03/0,95	205	13	290
1900640	A250MP127/220/240S	250	127/220/240	2,36/1,36/1,21	285	13	310
1900660	A250MP440S	250	440	0,620	285	11	310
1900675	A320MP127/220/240S	320	127/220/240	2,87/1,66/1,52	354	13	270
1900677	A320MP440S	320	440	0,85	354	11	270
1900680	A350MP254/277S	350	254/277	1,55/1,42	388	12	270
1900685	A350MP120/208/240/277S	350	120/208/240/277	3,46/2,00/1,73/1,50	388	14	270
1900750	A400MP254/277S	400	254/277	1,80/1,66	440	12	270
1900710	A400MP440S	400	440	1,05	440	11	270
1900715	A400MP440/480S	400	440/480	1,05/0,96	440	12	270
1900790	A750MP254/277S	750	254/277	3,3/3,0	815	12	345
1900795	A1000MP220S	1000	220	5,16	1065	11	425

Balastro autotransformador autorregulado alto factor de potencia para lámparas de Aditivos Metálicos 60 Hz

1901100	A175MT127S	175	127	1,8	205	1	290
1901051	A175MT120/208/240/277S	175	120/208/240/277	1,8/1,04/0,90/0,78	205	4	290
1901084	A175MT127/220/240S	175	127/220/240	1,8/1,03/0,95	205	3	290
1901095	A175MT127/220/254/277S	175	127/220/254/277	1,7/0,98/0,85/0,78	205	4	290
1901110	A175MT480S	175	480	0,45	205	1	290
1901112	A175MT440/480S	175	440/480	0,49/0,45	205	2	290
1901115	A250MT120/208/240/277S	250	120/208/240/277	2,54/1,47/1,26/1,1	285	4	310
1901125	A250MT127/220/240S	250	127/220/240	2,4/1,38/1,26	285	3	310
1901132	A250MT127/220/254/277S	250	127/220/254/277	2,4/1,38/1,2/1,1	285	4	310
1901121	A250MT220S	250	220	1,38	285	1	310
1901143	A250MT440/480S	250	440/480	0,67/0,61	285	2	310
1901240	A400MT120/208/240/277S	400	120/208/240/277	3,85/2,22/1,92/1,66	440	4	300
1901234	A400MT127/220/254/277S	400	127/220/254/277	3,63/2,1/1,82/1,66	440	4	300
1901235	A400MT220S	400	220	2,1	440	1	300
1901279	A400MT440S	400	440	1,05	440	1	300
1901280	A400MT480S	400	480	0,96	440	1	300

PRODUCTO No.	BALASTROS PARA LÁMPARAS DE ADITIVOS METÁLICOS	POTENCIA LÁMPARA W	TENSIÓN LÍNEA V _{rem}	CORRIENTE DE LÍNEA A _{rem}	POTENCIA LÍNEA W	DIAGRAMA	CIRCUITO ABIERTO V _{rem}
1902251	A1000MT127S	1000	127	8,95	1080	1	425
1902255	A1000MT208/240/277S	1000	208/240/277	5,46/4,74/4,10	1080	3	425
1902260	A1000MT208S	1000	208	5,46	1080	1	425
1902262	A1000MT220S	1000	220	5,16	1080	1	425
1902268	A1000MT240S	1000	240	4,74	1080	1	425
1902273	A1000MT254/277S	1000	254/277	4,47/4,10	1080	2	425
1902284	A1000MT440/480S	1000	440/480	2,58/2,36	1080	2	425
1902478	A1500MT120/208/240/277S	1000	120/208/240/277S	14,2/8,15/7,06/6,12	1610	4	450
1902480	A1500MT127S	1500	127	13,34	1610	1	450
1902505	A1500MT220S	1500	220	7,7	1610	1	450
1902510	A1500MT220/240S	1500	220/240	7,70/7,06	1610	2	450
1902519	A1500MT254S	1500	254	6,6	1610	1	450
1902527	A1500MT277S	1500	277	6,12	1610	1	450
1902538	A1500MT440/480S	1500	440/480	3,8/3,53	1610	2	450

Balastro de BAJAS PERDIDAS autotransformador autorregulado alto factor de potencia para lámparas de Aditivos Metálicos 60Hz

1901070	A175MT127/220/240S B.P.	175	127/220/240	1,65/0,95/0,87	200	3	290
1901118	A250MT220S B.P.	250	220	1,35	276	1	310
1901119	A250MT127/220/240S B.P.	250	127/220/240	2,33/1,35/1,24	276	3	305
1901230	A400MT220/240S B.P.	400	220/240	2,05/1,88	435	2	305

Balastro BAJAS PERDIDAS autotransformador autorregulado alto factor de potencia para lámparas de Aditivos Metálicos de pulso 60Hz

1900106	A150Q127/220/240S B.P.	150	127/220/240	1,45/0,82/0,75	172	13	190
1900600	A175MP127/220/240S B.P.	175	127/220/240	1,57/0,92/0,85	200	13	270
1900625	A200MP127/220/240S B.P.	200	127/220/240	1,82/1,05/0,96	226	13	235
1900650	A250MP127/220/240S B.P.	250	127/220/240	2,31/1,32/1,21	276	13	235
1900700	A400MP127/220/240S B.P.	400	127/220/240	3,6/2,1/1,9	437	13	270
1900758	A50PB127/220/240S B.P.	50	127/220/240	0,54/0,31/0,29	66	13	210
1900761	A70PB127/220/240S B.P.	70	127/220/240	0,68/0,40/0,36	88	13	200
1900763	A100PB127/220/240S B.P.	100	127/220/240	0,99/0,57/0,52	123	13	200
1900765	A150PB127/220/240S B.P.	150	127/220/240	1,40/0,81/0,74	172	13	200
1900770	A250PB220S B.P.	250	220	1,34	276	11	210
1900775	A100CV127/220/240S B.P.	100	127/220/240	1,0/0,58/0,531	124	13	220
1900780	A150CV127/220/240S B.P.	150	127/220/240	1,38/0,800/0,733	172	13	200
1900767	A150PV127/220/240S B.P.	150	127/220/240	1,66/0,96/0,88	172	13	200

DIMENSIONES: BALASTROS PARA LÁMPARAS DE ADITIVOS METÁLICOS

HQI: Metalarc Compacto: Master Color

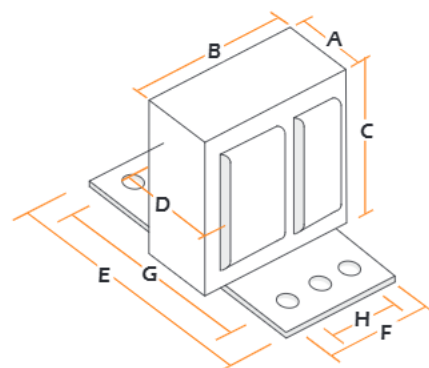


FIG. 1

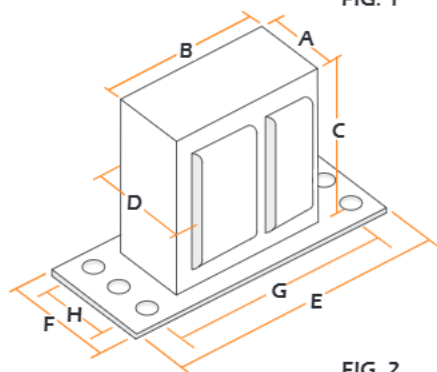


FIG. 2

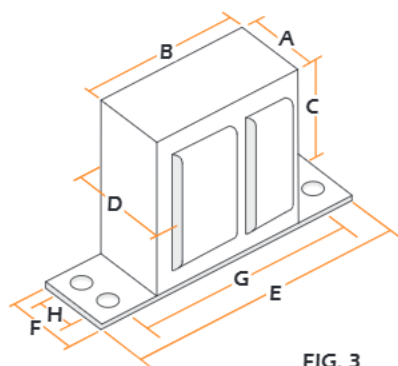


FIG. 3

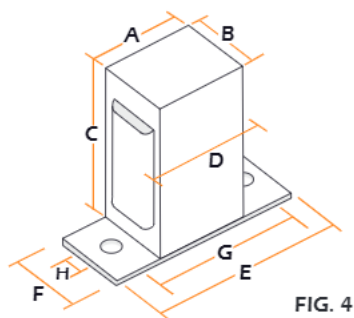


FIG. 4

PRODUCTO No.	CATÁLOGO	FIG.	A	B	C	D	E	F	G	H
1900003	AX35Q127/220/254/277S	3	28	101	78	60	160	30	128	15
1900800	AX35Q120/208/240/277S	3	28	101	78	60	160	30	128	15
1900900	AX70Q120/208/240/277S	3	36	101	78	70	160	30	128	15
1900013	AX70Q127/220/240S	3	36	101	78	70	160	30	128	15
1900015	AX70Q127/220/254/277S	3	28	101	78	70	160	30	128	15
1900050	AX100Q127/220/240S PLUS	3	45	101	78	75	160	30	128	15
1901000	AX100Q120/208/240/277S	3	36	101	78	70	160	30	128	15
1901011	AX100Q127/220/254/277S	3	36	101	78	70	160	30	128	15
1901002	AX100Q480S	3	36	101	78	70	160	30	128	15
1900080	AX150Q127/220/240S PLUS	2	70	101	78	102	155	90	128	75
1900105	AX150Q127/220/240S	3	61	101	78	90	160	30	128	15
1900110	AX150Q254/277S	3	61	101	78	90	160	30	128	15
1901005	AX150Q120/208/240/277	3	50	101	78	85	160	30	128	15
1900120	AX150Q440S	3	61	101	78	95	160	30	128	15
1900130	AX150Q480S	3	61	101	78	95	160	30	128	15

1900250	A250Q120/208/240/277S	2	50	119	94	88	155	90	128	75
1900350	A250Q127/220/254/277S	2	50	119	94	88	155	90	128	75
1900300	A250Q220/240S	2	50	119	94	88	155	90	128	75
1900500	A400Q127S	2	55	119	94	88	155	90	128	75
1900506	A400Q220S	2	55	119	94	88	155	90	128	75
1900550	A400Q254/277S	2	55	119	94	88	155	90	128	75
1902301	A1800Q440S	VER SECCION DE BALASTROS EN BOTE								
1902401	A2000Q440S	VER SECCION DE BALASTROS EN BOTE								

1900139	S35Q220/277S	4	37	56	47	65	125	58	110	29
1900133	S70Q208S	4	46	56	47	75	125	58	110	29
1900140	S70Q220/277S	4	68	56	47	100	125	58	110	29
1900137	S100Q220S	4	61	56	47	90	125	58	110	29
1900144	S100Q277S	4	68	56	47	102	125	58	110	29
1900148	S150Q220/277S	4	97	56	47	125	125	58	110	29
1900158	S150Q220S PLUS	4	97	56	47	125	125	58	110	29
1900180	S150Q254S	4	97	56	47	125	125	58	110	29
1900195	S250MP220S	4	115	56	47	145	160	30	128	15

	PRODUCTO No.	CATÁLOGO	FIG.	A	B	C	D	E	F	G	H
AUTORREGULADO EN ADELANTO	1900590	A175MP127/220/240S	3	36	101	94	68	160	30	128	15
	1900640	A250MP127/220/240S	3	61	101	94	92	160	30	128	15
	1900660	A250MP440S	2	50	119	94	85	155	90	128	75
	1900675	A320MP127/220/240S	2	50	119	94	85	155	90	128	75
	1900677	A320MP440S	2	55	119	94	90	155	90	128	75
	1900680	A350MP254/277S	2	50	119	94	85	155	90	128	75
	1900685	A350MP120/208/240/277S	2	50	119	94	85	155	90	128	75
	1900750	A400MP254/277S	2	55	119	94	90	155	90	128	75
	1900710	A400MP440S	2	55	119	94	90	155	90	128	75
	1900715	A400MP440/480S	2	55	119	94	90	155	90	128	75
	1900790	A750MP254/277S	1	58	119	94	90	155	90	128	75
	1900795	A1000MP220S	1	58	119	94	90	155	90	128	75
AUTORREGULADO EN ADELANTO	1901100	A175MT127S	3	28	101	78	60	160	30	128	15
	1901051	A175MT120/208/240/277S	3	61	101	78	95	160	30	128	15
	1901084	A175MT127/220/240S	3	61	101	78	95	160	30	128	15
	1901095	A175MT127/220/254/277S	3	61	101	78	95	160	30	128	15
	1901110	A175MT480S	3	61	101	78	95	160	30	128	15
	1901112	A175MT440/480S	3	61	101	78	95	160	30	128	15
	1901115	A250MT120/208/240/277S	2	45	119	94	83	155	90	128	75
	1901125	A250MT127/220/240S	2	45	119	94	83	155	90	128	75
	1901132	A250MT127/220/254/277S	2	45	119	94	83	155	90	128	75
	1901121	A250MT220S	2	61	101	78	95	160	30	128	15
	1901143	A250MT440/480S	2	55	119	94	88	155	90	128	75
	1901240	A400MT120/208/240/277S	2	55	119	94	88	155	90	128	75
	1901234	A400MT127/220/254/277S	2	50	119	94	88	155	90	128	75
	1901235	A400MT220S	2	60	119	94	94	155	90	128	75
	1901279	A400MT440S	2	60	119	94	94	155	90	128	75
	1901280	A400MT480S	2	60	119	94	94	155	90	128	75
	1902251	A1000MT127S	1	70	147	108	105	155	90	128	75
	1902255	A1000MT208/240/277S	1	58	147	108	95	155	90	128	75
	1902260	A1000MT208S	1	58	147	108	95	155	90	128	75
	1902262	A1000MT220S	1	58	147	108	95	155	90	128	75
	1902268	A1000MT240S	1	58	147	108	95	155	90	128	75
	1902273	A1000MT254/277S	1	58	147	108	95	155	90	128	75
	1902284	A1000MT440/480S	1	70	147	108	105	155	90	128	75
	1902478	A1500MT120/208/240/277S	1	112	147	108	152	155	90	128	75
	1902480	A1500MT127S	1	112	147	108	152	155	90	128	75
	1902505	A1500MT220S	1	112	147	108	152	155	90	128	75
	1902510	A1500MT220/240S	1	112	147	108	152	155	90	128	75
	1902519	A1500MT254S	1	112	147	108	152	155	90	128	75
	1902527	A1500MT277S	1	112	147	108	152	155	90	128	75
	1902538	A1500MT440/480S	1	112	147	108	152	155	90	128	75

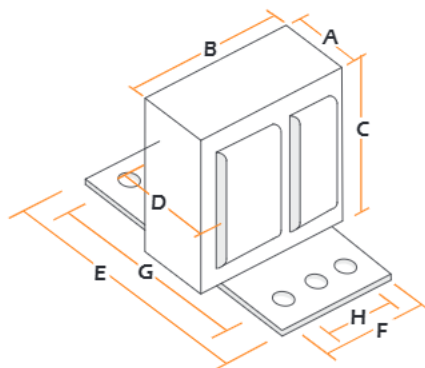


FIG. 1

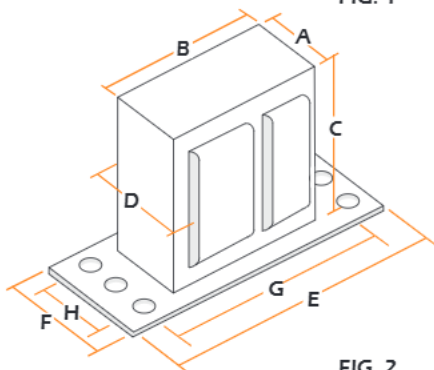


FIG. 2

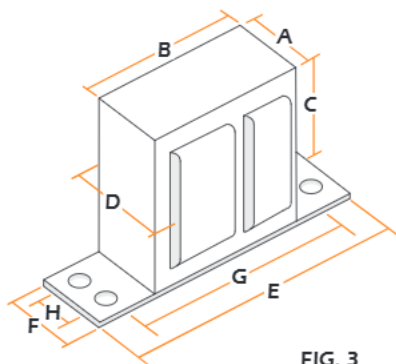


FIG. 3

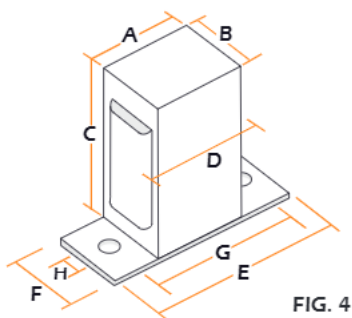
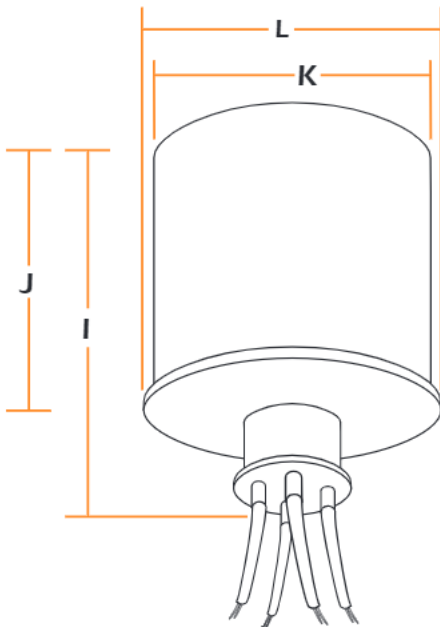


FIG. 4

PRODUCTO No.	CATÁLOGO	FIG.	A	B	C	D	E	F	G	H
1901070	A175MT127/220/240S B.P.	3	45	119	94	80	155	90	128	75
1901118	A250MT220S B.P.	2	50	119	94	80	155	90	128	75
1901119	A250MT127/220/240S B.P.	2	50	119	94	85	155	90	128	75
1901230	A400MT220/240S B.P.	1	60	119	94	94	155	90	128	75

BAJAS PÉRDIDAS PULSO	1900106	A150Q127/220/240S B.P.	3	50	101	78	85	160	30	128	15
	1900600	A175MP127/220/240S B.P.	3	45	101	78	80	160	30	128	15
	1900625	A200MP127/220/240S B.P.	3	50	101	78	94	160	30	128	15
	1900650	A250MP127/220/240S B.P.	2	55	119	94	90	155	90	128	75
	1900700	A400MP127/220/240S B.P.	2	70	119	94	102	155	90	128	75
	1900758	A50PB127/220/240S B.P.	3	28	101	78	60	160	30	128	15
	1900761	A70PB127/220/240S B.P.	3	36	101	78	60	160	30	128	15
	1900763	A100PB127/220/240S B.P.	3	45	101	78	80	160	30	128	15
	1900765	A150PB127/220/240S B.P.	2	70	101	78	105	160	30	128	15
	1900770	A250PB220S B.P.	2	55	119	94	90	155	90	128	75
	1900775	A100CV127/220/240S B.P.	3	45	101	78	75	160	30	128	15
	1900780	A150CV127/220/240S B.P.	2	50	101	78	80	160	30	128	15
	1900767	A150PV127/220/240S B.P.	2	50	119	94	85	155	90	128	75

DIMENSIONES: BALASTROS PARA EXTERIORES (BOTES)

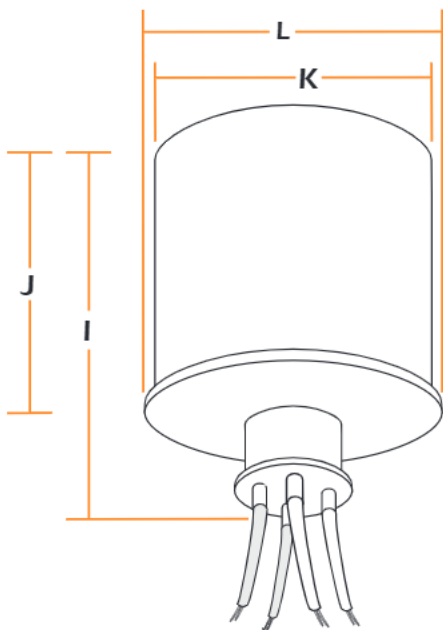


PRODUCTO	CATÁLOGO	FIG.	I	J	K	L
No.						

Dimensiones en (cm)

AUTORREGULADO EN ADELANTO VAPOR DE SODIO	1951101	A250LU127/220/254/227S	5	19	24	16	17
	1951123	A250LU220/240S	5	19	24	16	17
	1951198	A250LU440/480S	5	19	24	16	17
	1951194	A250LU480S	5	19	24	16	17
	1951156	A250/180LU220S	5	19	24	16	17
	1951330	A400LU220S	5	24	29	19	20
	1951390	A400LU440/480S	5	24	29	19	20
	1951307	A400LU127/220/254/277S	5	24	29	19	20
	1951616	A1000LU220S	5	29	34	19	20
	1951627	A1000LU254/277S	5	29	34	19	20
	1951671	A1000LU440S	5	29	34	19	20
	1951682	A1000LU480S	5	29	34	19	20

AUTORREGULADO EN ADELANTO ADITIVOS METÁLICOS	1901234	A400MT127/220/254/277S	5	24	29	19	20
	1901240	A400MT120/208/240/277S	5	24	29	19	20
	1901235	A400MT220S	5	24	29	19	20
	1900750	A400MP254/277S	5	24	29	19	20
	1901279	A400MT440S	5	24	29	19	20
	1901280	A400MT480S	5	24	29	19	20
	1901235	A400MT220S	5	24	29	19	20
	1902251	A1000MT127S	5	24	29	19	20
	1902260	A1000MT208S	5	24	29	19	20
	1902262	A1000MT220S	5	24	29	19	20
	1902268	A1000MT240S	5	24	29	19	20
	1902273	A1000MT254/277S	5	24	29	19	20
	1902284	A1000MT440/480S	5	24	29	19	20
	1902480	A1500MT127S	5	29	34	19	20
	1902505	A1500MT220S	5	29	34	19	20
	1902519	A1500MT440S	5	29	34	19	20
	1902301	A1800Q440/480S(c/u) *	5	29	34	19	20
	1902401	A2000Q440S(c/u) *	5	29	34	19	20



	PRODUCTO No.	CATÁLOGO	FIG.	I	J	K	L
AUTORREGULADO EN ADELANTO VAPOR DE MERCURIO	1861520	A175M127/220S	5	19	24	16	17
	1861564	A175M127/220/254/277S	5	19	24	16	17
	1861597	A175M440/480S	5	19	24	16	17
	1871023	A250M220/240S	5	19	24	16	17
	1871034	A250M127/220/254/277S	5	19	24	16	17
	1871056	A250M440/480S	5	19	24	16	17
	1871229	A400M127/220/240S	5	19	24	16	17
	1871207	A400M127/220/254/277S	5	19	24	16	17
	1871251	A400M440/480S	5	19	24	16	17
	1881214	A1000M127S	5	24	29	19	20
	1881225	A1000M220S	5	24	29	19	20
	1881247	A1000M254/277S	5	24	29	19	20
	1881270	A1000M440/480S	5	24	29	19	20

* Modelo incluye 2 botes. Un balastro por bote.

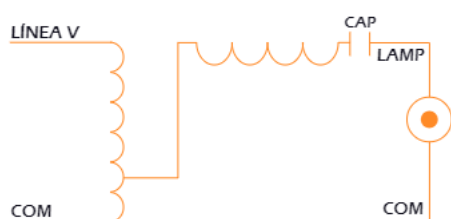


DIAGRAMA 1

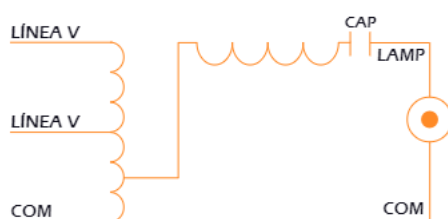


DIAGRAMA 2

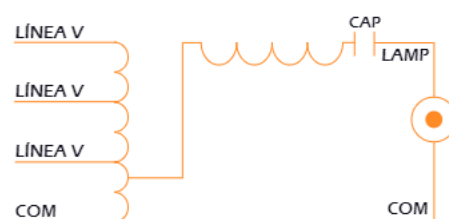


DIAGRAMA 3

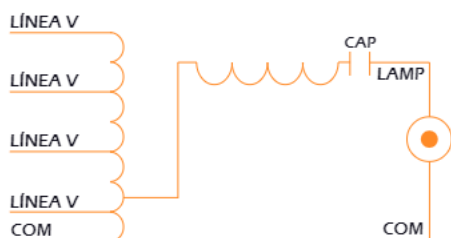


DIAGRAMA 4

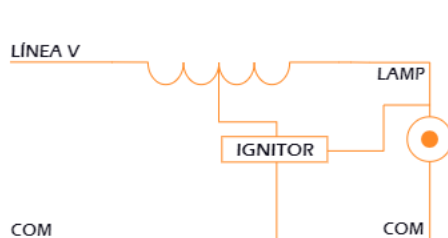


DIAGRAMA 5

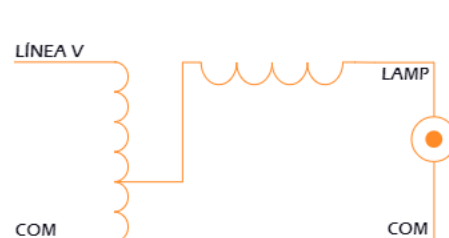


DIAGRAMA 6

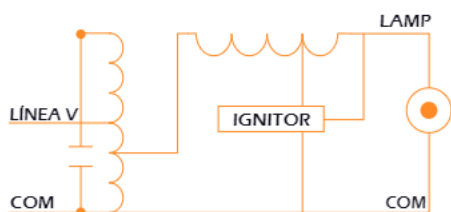


DIAGRAMA 7

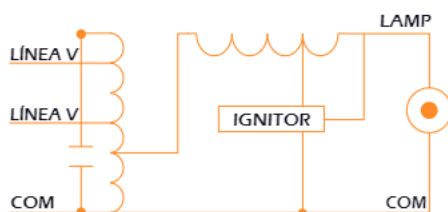


DIAGRAMA 8

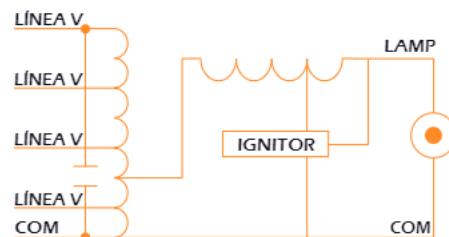


DIAGRAMA 9

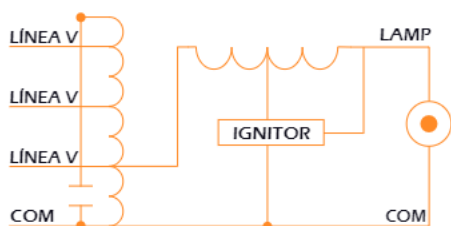


DIAGRAMA 10

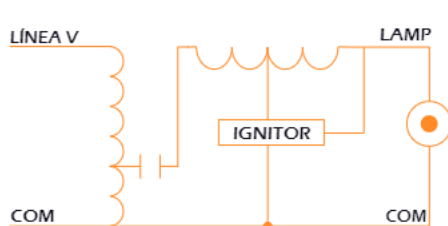


DIAGRAMA 11

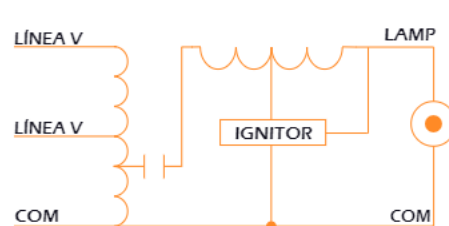


DIAGRAMA 12

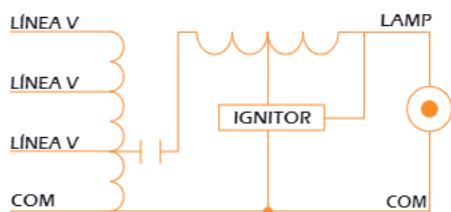


DIAGRAMA 13

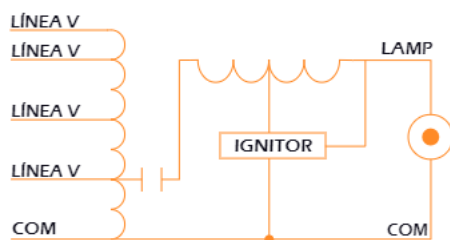


DIAGRAMA 14

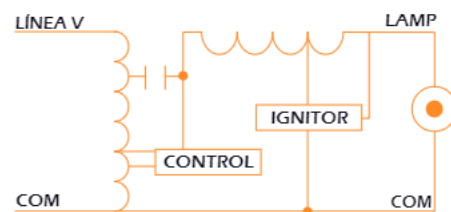


DIAGRAMA 15

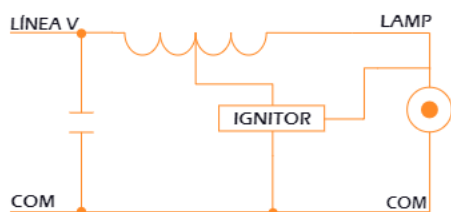


DIAGRAMA 16

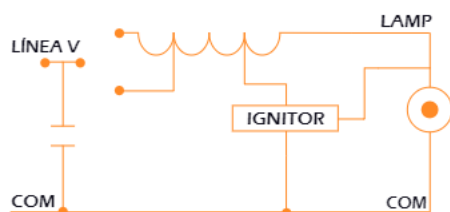


DIAGRAMA 17

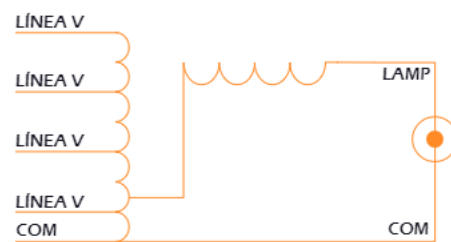


DIAGRAMA 18

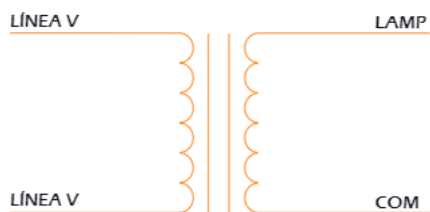


DIAGRAMA 19

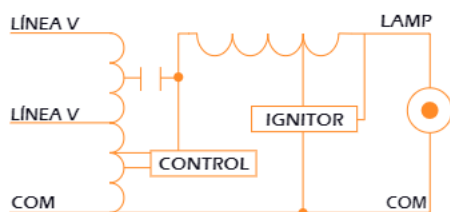


DIAGRAMA 20

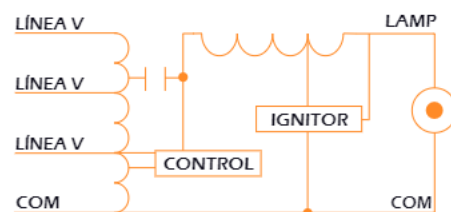
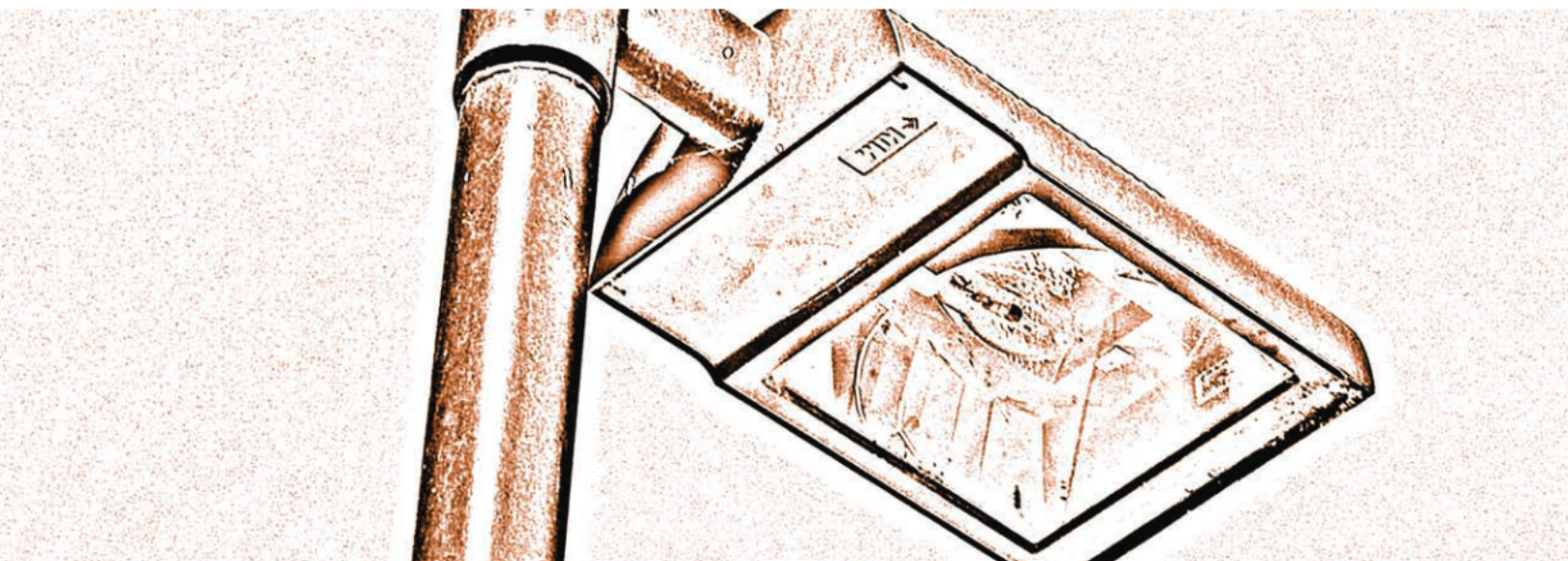


DIAGRAMA 21





-MR MANUFACTURERA DE REACTORES

Información y Ventas

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