EMS 3 series

· Filtros de Potencia Trifásicos

· *Three Phase Power Line Filters*

Aplicaciones

La serie EMS son filtros de potencia diseñados especialmente para usos industriales, variadores de frecuencia, inverters, etc... Estos filtros son una solución económica para usos generales, con unas elevadas prestaciones de atenuación.

Características Principales

- Alta atenuación en modo simétrico y asimétrico
- Baja corriente de fugas
- Fácil de instalar / construcción compacta
- Cumple con las especificaciones de las normas europeas EMC (Compatibilidad electromagnética) y BT (baja tensión) aplicables

Aplications

The EMS series are a power line filters specially designed for industrial power installations, frequency inverters, etc... This filters are an economic solution for general uses with a high attenuation performance.

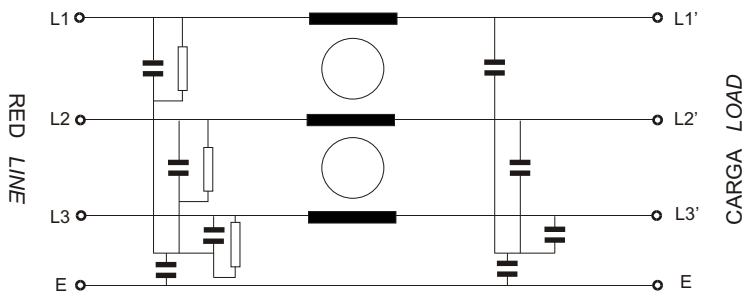
Features Include

- *High attenuation in assym. and symm. modes*
- *Low leakage current*
- *Easy to install / Compact construction*
- *According to the latest EMC and safety standards*

Características *Features*

TIPO *TYPE*	INTENSIDAD NOMINAL *RATING* @ 40ºC (A)	TENSION *VOLTAGE* 3ph	SECCION MAX. DEL CONDUCTOR *MAX. CABLE ENTRY* (mm2)	CORRIENTE DE FUGA *LEAKAGE CURRENT* Nom. (mA)	Max.	PERDIDA DE POTENCIA *POWER LOSS* (W)	PESO *WEIGHT* (Kg)	CAJA TIPO *BOX TYPE*	TERMINAL *TERMINAL*
EMS 3020	20	480VAC	6	0.5	27	8	1.1	C	BORNES *SHROUDED*
EMS 3020C	20	480VAC	4	0.5	27	8	1.1	C	CABLES *CABLES*
EMS 3030	30	480VAC	10	0.5	27	11	1.2	C	BORNES *SHROUDED*
EMS 3030C	30	480VAC	6	0.5	27	11	1.2	C	CABLES *CABLES*
EMS 3050	50	480VAC	16	0.5	27	20	1.5	C	BORNES *SHROUDED*
EMS 3050C	50	480VAC	10	0.5	27	20	1.5	C	CABLES *CABLES*
EMS 3065	65	480VAC	16	0.5	27	26	1.8	E	BORNES *SHROUDED*
EMS 3065C	65	480VAC	10	0.5	27	26	1.8	E	CABLES *CABLES*
EMS 3100	100	480VAC	35	0.75	130	30	7.1	F	BORNES *SHROUDED*
EMS 3100C	100	480VAC	25	0.75	130	30	7.1	F	CABLES *CABLES*
EMS 3120	120	480VAC	50	0.75	130	30	10.2	F	BORNES *SHROUDED*
EMS 3120C	120	480VAC	25	0.75	130	30	10.2	F	CABLES *CABLES*
EMS 3130	130	480VAC	50	0.75	130	32	10.7	F	BORNES *SHROUDED*
EMS 3130C	130	480VAC	25	0.75	130	32	10.7	F	CABLES *CABLES*
EMS 3180	180	480VAC	95	0.75	130	41	14.1	F	BORNES *SHROUDED*
EMS 3180C	180	480VAC	35	0.75	130	41	14.1	F	CABLES *CABLES*
EMS 3210	210	480VAC	95	1.3	150	24	15.3	G	BORNES *SHROUDED*
EMS 3210C	210	480VAC	50	1.3	150	24	15.3	G	CABLES *CABLES*

Circuito Eléctrico *Electrical Schematic*



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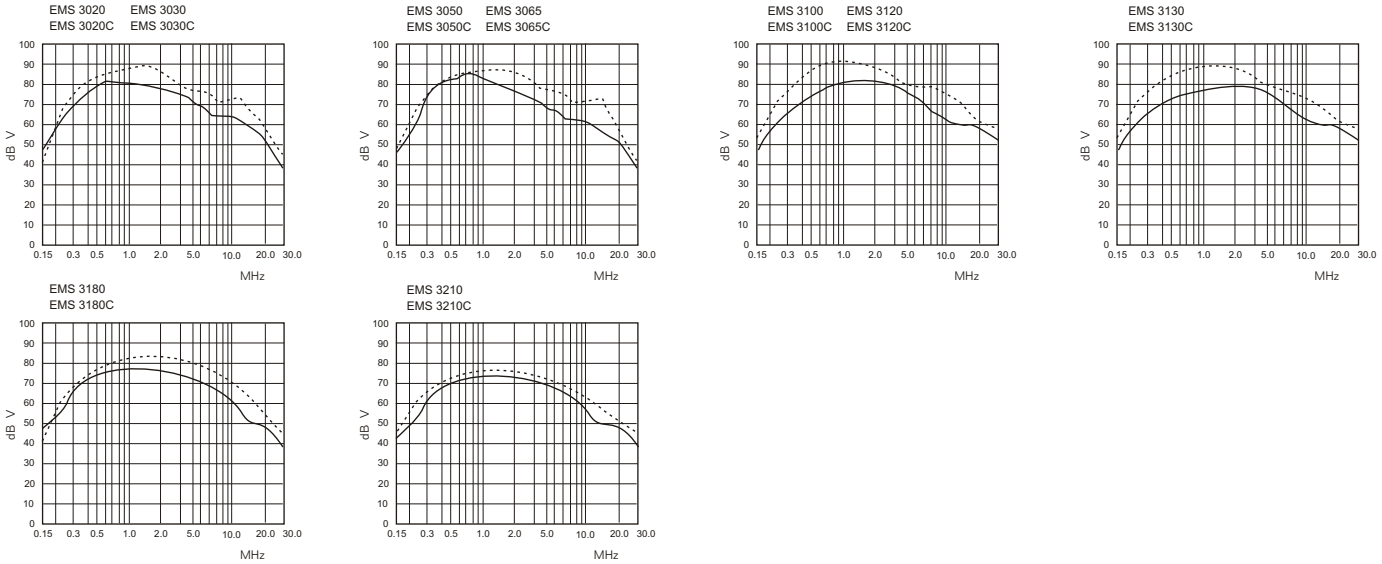
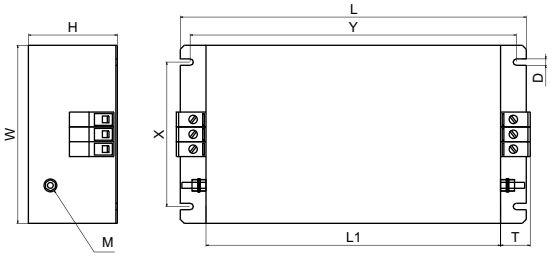
Perdidas de Inserción *Insertion Loss*

Modo asimétrico *Asymmetric mode* — Modo simétrico *Symmetric mode*

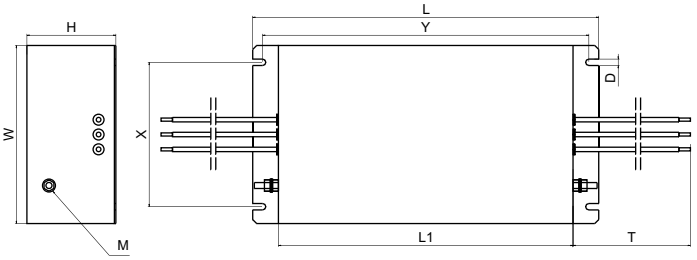


Dimensiones Cajas Metálicas *Box Dimensions*

Box type: C E F G

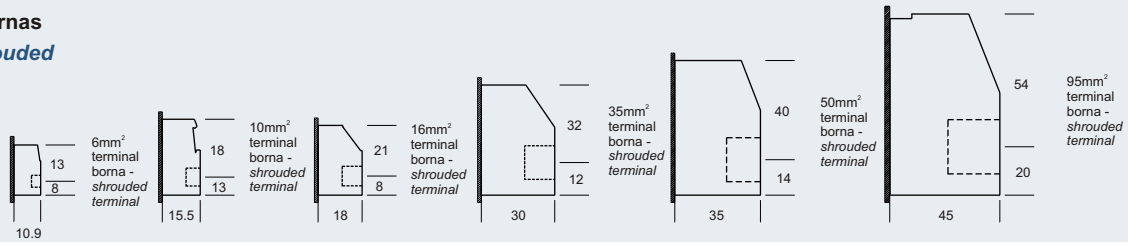


Salida de cables
Output cables



Terminales: Bornas
Terminals: Shrouded

Dimensiones en mm.
Dimensions in mm.



TIPO *TYPE*	Box type	L	W	H	L1	Y	X	T	D	M	TERMINAL *TERMINAL*
EMS 3020	C	250	110	60	220	238	76	10.9	M6	M5	BORNES *SHROUDED*
EMS 3020C	C	250	110	60	220	238	76	400	M6	M5	CABLES *CABLES*
EMS 3030	C	250	110	60	220	238	76	15.5	M6	M5	BORNES *SHROUDED*
EMS 3030C	C	250	110	60	220	238	76	400	M6	M5	CABLES *CABLES*
EMS 3050	C	250	110	60	220	238	76	18	M6	M5	BORNES *SHROUDED*
EMS 3050C	C	250	110	60	220	238	76	400	M6	M5	CABLES *CABLES*
EMS 3065	E	270	140	90	240	258	106	18	M6	M5	BORNES *SHROUDED*
EMS 3065C	E	270	140	90	240	258	106	500	M6	M5	CABLES *CABLES*
EMS 3100	F	350	180	90	298	338	146	30	M6	M6	BORNES *SHROUDED*
EMS 3100C	F	350	180	90	298	338	146	500	M6	M6	CABLES *CABLES*
EMS 3120	F	350	180	90	298	338	146	35	M6	M6	BORNES *SHROUDED*
EMS 3120C	F	350	180	90	298	338	146	500	M6	M6	CABLES *CABLES*
EMS 3130	F	350	180	90	298	338	146	35	M6	M6	BORNES *SHROUDED*
EMS 3130C	F	350	180	90	298	338	146	500	M6	M6	CABLES *CABLES*
EMS 3180	F	350	180	90	298	338	146	45	M6	M6	BORNES *SHROUDED*
EMS 3180C	F	350	180	90	298	338	146	500	M6	M6	CABLES *CABLES*
EMS 3210	G	420	200	130	375	408	166	45	M6	M6	BORNES *SHROUDED*
EMS 3210C	G	420	200	130	375	408	166	500	M6	M6	CABLES *CABLES*

Dimensiones en **mm.**
*Dimensions in **mm.***