

# EMS 3 series



### Aplicaciones

La serie EMS son filtros de potencia diseñados especialmente para usos industriales, variadores de frecuencia, inversores, 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.

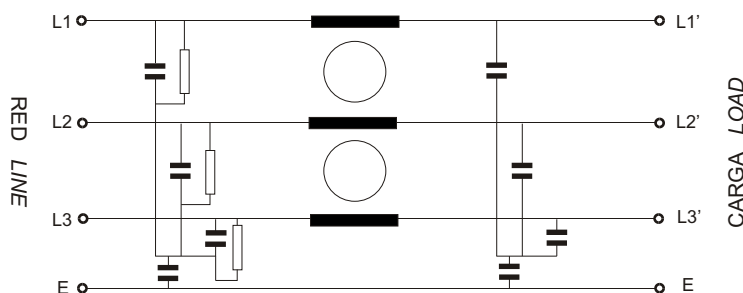
### Features Include

- 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 @ 40°C (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

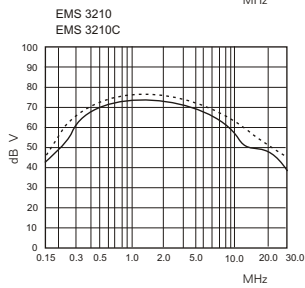
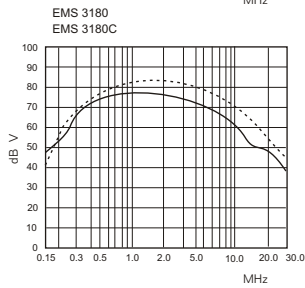
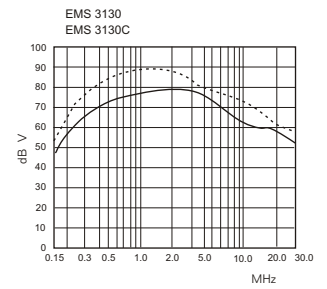
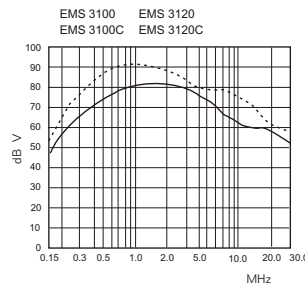
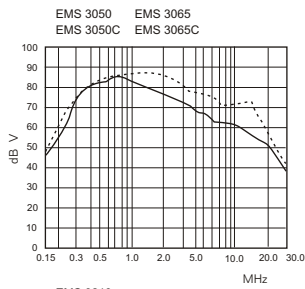
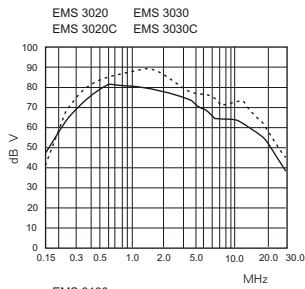
### Circuito Eléctrico Electrical Schematic



Perdidas de Inserción

Insertion Loss

— Modo asimétrico Asymmetric mode  
- - - Modo simétrico Symmetric mode

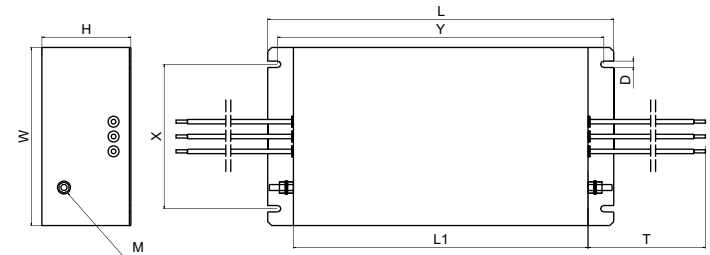
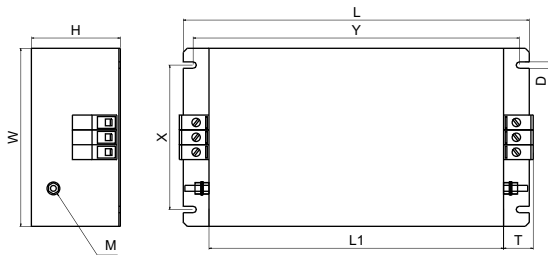


Dimensiones Cajas Metálicas

Box Dimensions

Box type: **C E F G**

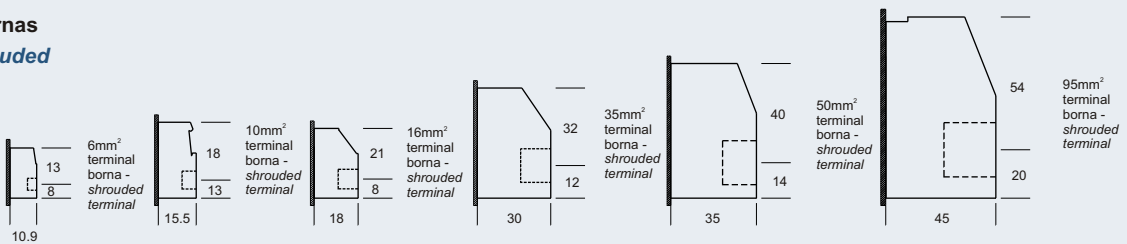
Salida de cables  
Output cables



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.