

EMK 4 series



Aplicaciones

Las series EMK están especialmente diseñadas para variadores de frecuencia, inversores, sistemas de control de velocidad de motores, usos industriales, etc... De acuerdo con las ultimas normas EMC (compatibilidad electromagnética) y de seguridad BT (baja tensión) aplicables.

Características Principales

- Alta atenuación en modo simétrico y asimétrico
- Baja corriente de fugas
- Fácil de instalar / construcción compacta

Applications

The EMK series are specially designed for industrial frequency inverters, power drive systems and industrial power installations. According to the latest EMC and safety standards.

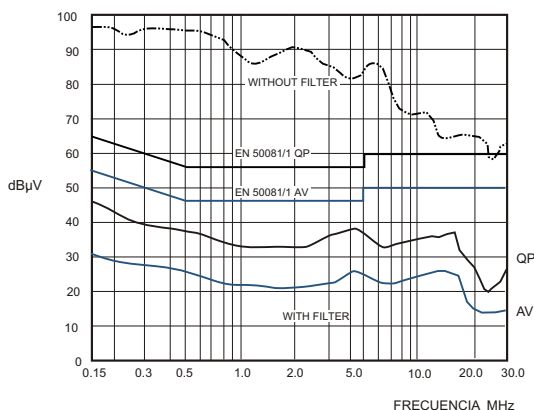
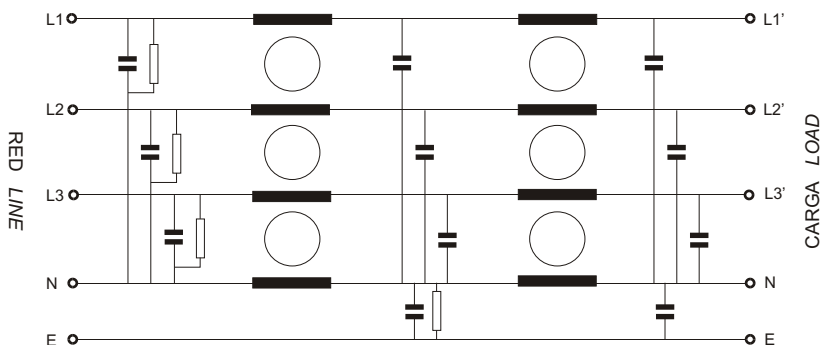
Features Include

- High attenuation in assym. and symm. modes
- Low leakage current
- Easy to install / compact construction

Características Features

TIPO TYPE	INTENSIDAD NOMINAL RATING @ 40°C (A)	TENSION VOLTAGE 3ph+n	SECCION MAX. DEL CONDUCTOR MAX. CABLE ENTRY (mm ²)	CORRIENTE DE FUGA LEAKAGE CURRENT Nom. (mA) Max.		PERDIDA DE POTENCIA POWER LOSS (W)	PESO WEIGHT (Kg)	CAJA TIPO BOX TYPE	TERMINAL TERMINAL
EMK 4006	6	480VAC	6	0.1	27	8	1.6	C	BORNES SHROUDED
EMK 4012	12	480VAC	6	0.1	27	10	2.2	D	BORNES SHROUDED
EMK 4020	20	480VAC	6	0.1	27	13	2.4	D	BORNES SHROUDED
EMK 4040	40	480VAC	10	0.1	27	28	3.5	E	BORNES SHROUDED
EMK 4060	60	480VAC	16	0.1	27	47	7.5	F	BORNES SHROUDED
EMK 4070	70	480VAC	25	0.1	27	44	7.5	F	BORNES SHROUDED
EMK 4100	100	480VAC	35	0.5	130	53	13.8	G	BORNES SHROUDED
EMK 4120	120	480VAC	50	0.5	130	55	13.8	G	BORNES SHROUDED
EMK 4170	170	480VAC	95	0.5	130	71	23.5	H	BORNES SHROUDED

Circuito Eléctrico Electrical Schematic



Prestaciones

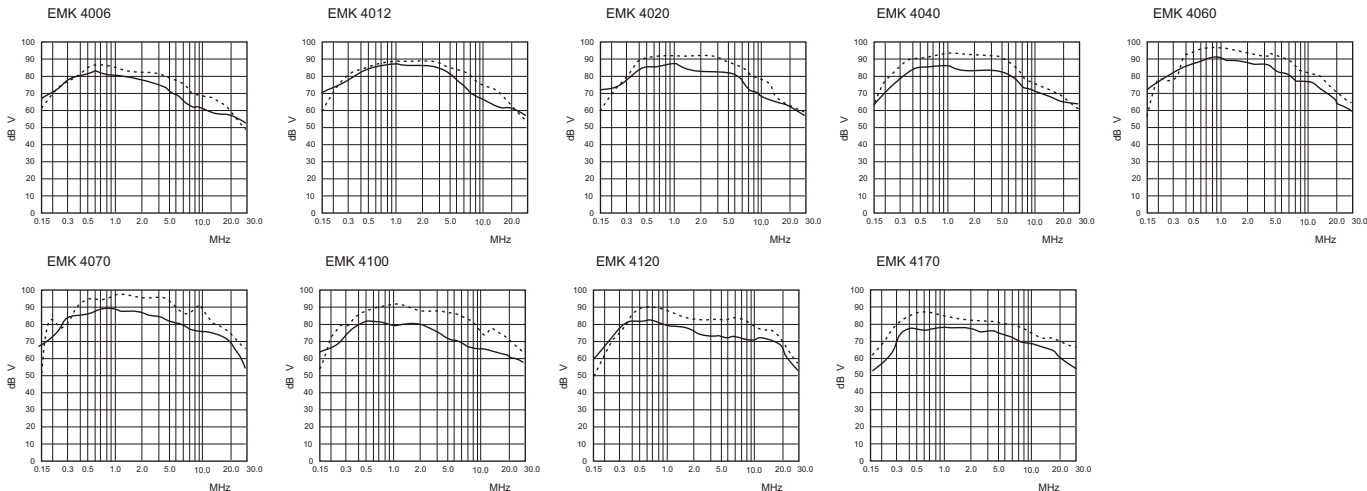
El gráfico siguiente muestra los valores típicos de atenuación de la perturbación conducida, al intercalar un filtro EMK en serie con un variador de velocidad, conectado a un motor mediante un conductor apantallado de 25m.

Performance

The graph below shows the typical values of conduct interference attenuation, when fitting an EMK filter with a frequency inverter, connected to a motor through 25m. screened motor cable.

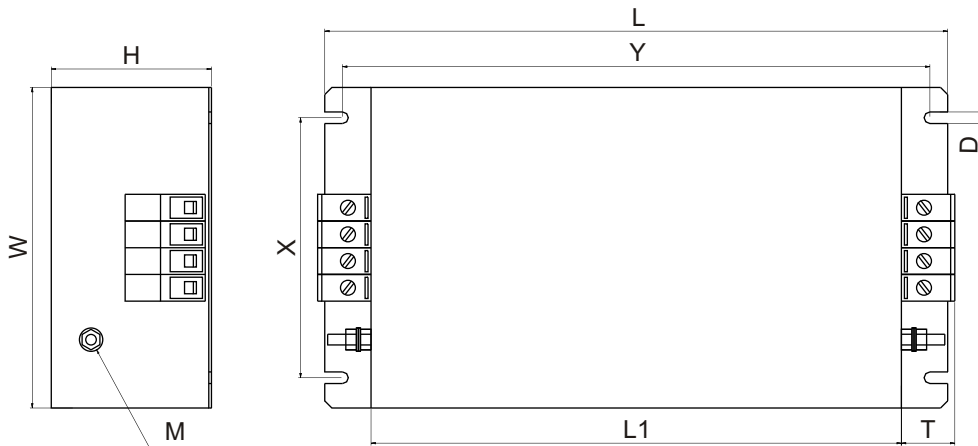
Perdidas de Inserción Insertion Loss

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



Dimensiones Cajas Metálicas Box Dimensions

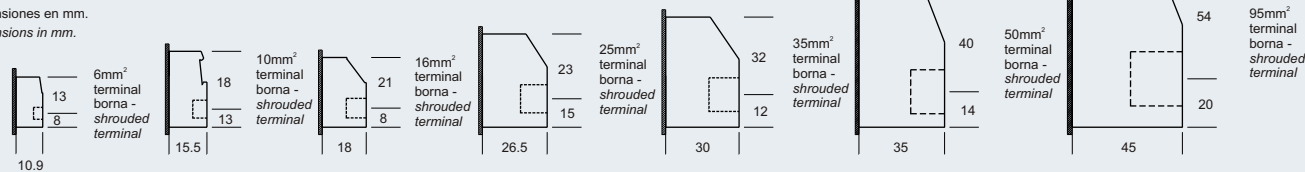
Box type: **C D E F G H**



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
EMK 4006	C	250	110	60	220	238	76	10.9	M6	M5	BORNES SHROUDED
EMK 4012	D	270	140	60	240	258	106	10.9	M6	M5	BORNES SHROUDED
EMK 4020	D	270	140	60	240	258	106	10.9	M6	M5	BORNES SHROUDED
EMK 4040	E	270	140	90	240	258	106	15.5	M6	M5	BORNES SHROUDED
EMK 4060	F	350	180	90	298	338	146	18	M6	M6	BORNES SHROUDED
EMK 4070	F	350	180	90	298	338	146	26.5	M6	M6	BORNES SHROUDED
EMK 4100	G	420	200	130	375	408	166	30	M6	M8	BORNES SHROUDED
EMK 4120	G	420	200	130	375	408	166	30	M6	M8	BORNES SHROUDED
EMK 4170	H	490	200	160	398	468	166	45	M6	M10	BORNES SHROUDED

Dimensiones en mm.
Dimensions in mm.