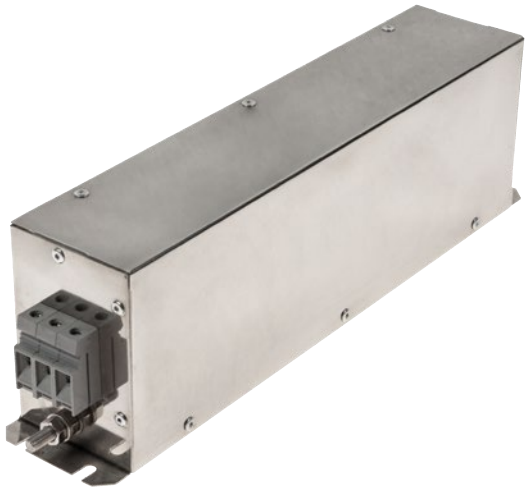
TDCM



Filtri per convertitori/inverter
Compatti, leggeri
Formato a libro
Correnti nominali da 10 a 120A
Alta attenuazione

3 phase filters for drives/inverters
Compact, lightweight
Bookshelf design
10-120A current rating
High insertion loss

Filtri di rete trifase doppia cella a libro

Power line filters threephase double stage bookshelf design

MODELLI *Model List*	**Codice** *Code*	**Corrente nom. rms [A]** *Rated current rms*	**Tensione nom. [V]** *Rated voltage*	**Capacità [µF]** *Capacitance*				**R [kΩ/W]**	**L1 [mH]**	**L2 [mH]**	**Ta* [C°]**	**Morsetto [mm²]** *Screw terminal*	**Corrente di fuga [mA]**** *Leakage current*
				C_{X1}	C_{X2}	C_{X3}	$C_{Y1}C_{Y2}$						
TDCM10	2390TDCM10	10		1	1	1	0.027	680/1	3x6	3x6		0.2 - 4.0	
TDCM20	2390TDCM20	20		1	1	1	0.027	680/1	3x5	3x5		0.2 - 4.0	
TDCM35	2390TDCM35	35		2.2	2.2	2.2	0.027	470/1	3x2	3x2		0.2 - 6.0	
TDCM55	2390TDCM55	55	3 x 520	1	1	1	0.027	680/1	3x0.6	3x0.6	-25+50	0.2 - 10.0	9mA max @520Vac
TDCM75	2390TDCM75	75		2.2	2.2	2.2	0.027	470/1	3x0.8	3x0.8		0.2 - 16.0	
TDCM100	2390TDCM100	100		4.7	4.7	4.7	0.027	330/2	3x0.5	3x0.5		10.0 - 25.0	
TDCM120	239TDCM120	120		4.7	4.7	4.7	0.027	330/2	3x0.3	3x0.3		10.0 - 50.0	

***con corrente nominale** - *with rated current* ****di ogni fase verso terra** - *each line to ground*

Specifiche tecniche / *Specifications*	
Tensione d'ingresso - *Rated voltage*	300-520 Vac
Campo di frequenza - *Operating frequence*	50÷60 Hz
Corrente di fuga - *Leakage current*	max. 6 mA (@ 300 Vac), max. 9 mA (@ 520 Vac)
Categoria climatica - *Climatic category*	25/100/21(IEC 60068)
Tensione di prova AC (1 min.) - *Test voltage AC (1 min.)*	Fase/Terra: 2250 Vdc; Fase/Fase: 1450 Vdc - *Line/Ground: 2250 Vdc; Line/Line:1450 Vdc*
Sovraccaricabilità - *Current overload*	6 x corrente nom. per 8 sec. - *6 x rated current for 8 sec.*
Isolamento - *Insulation resistance*	> 50 MΩ @500 Vdc (qualsiasi ingresso o uscita verso terra - *any input or output to ground*)
Grado di protezione - *IP protection*	IP 20 secondo EN 60529 - *IP 20 according to EN 60529*
Allacciamento - *Connections*	Morsetti avite - *Screw terminals*
Montaggio - *Mounting*	Collegamento in serie tra la rete ed il carico. Montaggio su piastra. *Mounted in series between the line and the load. Panel mounting.*
Standard di riferimento - *Reference standards*	EN 60939 - UL 1283 - C22.2 No.8

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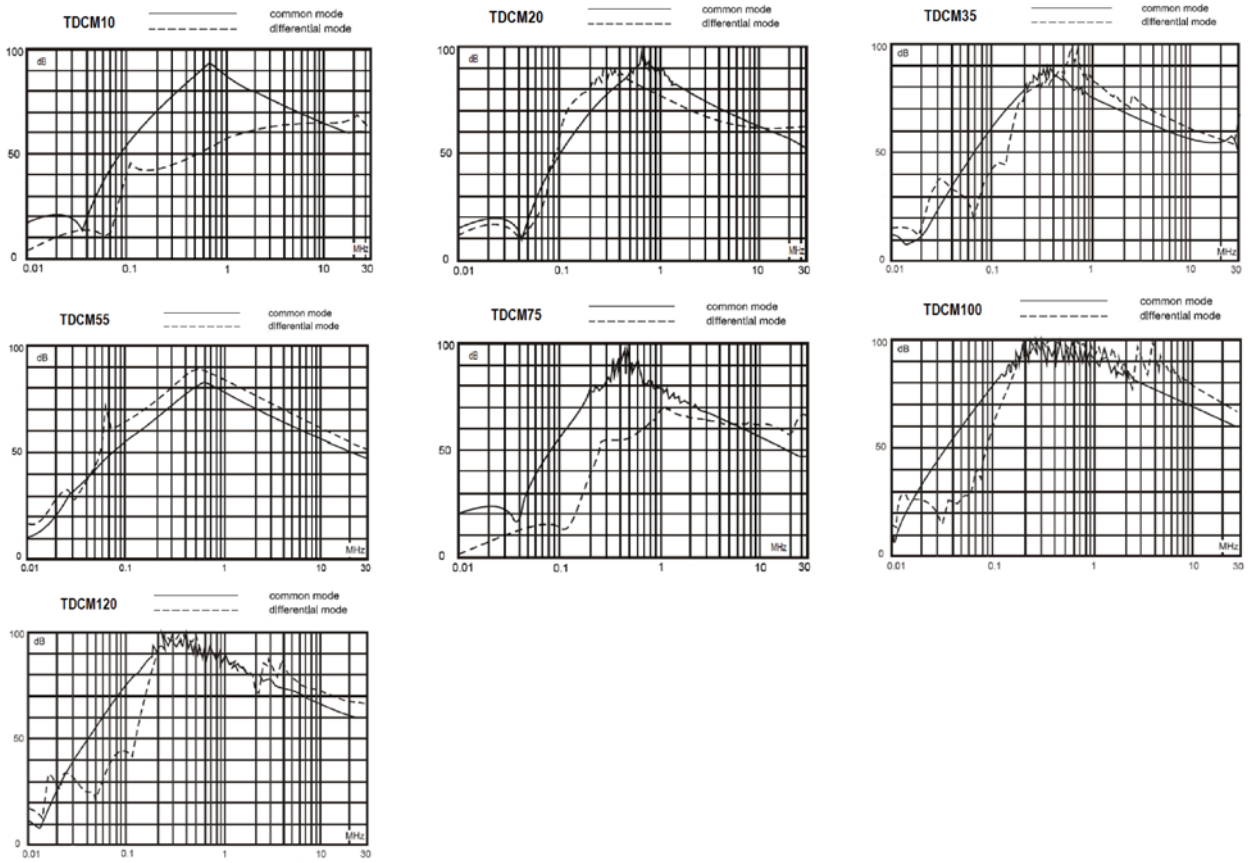
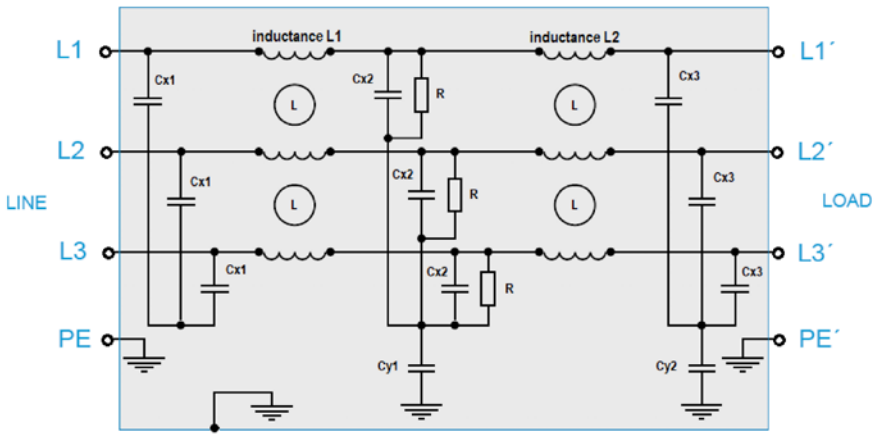
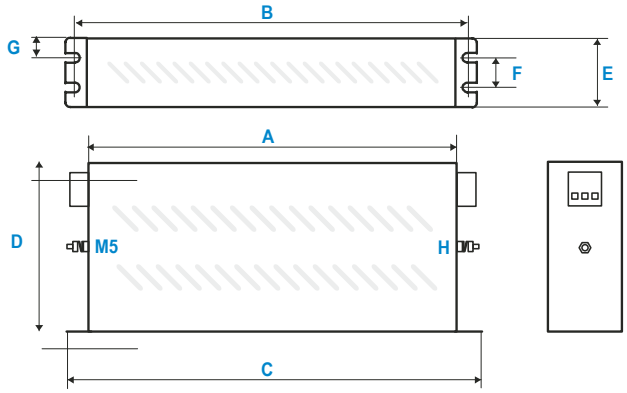
Attenuazioni (IEC/CISPR 17) / *Insertion loss (IEC/ CISPR 17)*



Schema elettrico / *Electric schematic*



Dimensioni [mm] / *Dimensions [mm]*



Modelli *Models*	A	B	C	D	E	F	G	H
* 10A	115	130.2	145	65	50	36	5.2	M4
* 20A	150	165.2	180	66	66	52	5.2	M4
* 35A	200	217.2	230	82	76	57	7.2	M4
* 55A	160	175.2	190	76	70	56	5.2	M4
** 75A	233	250.2	263	93	88	69	7.2	M6
** 100A	320	337.2	350	135	135	115	7.2	M6
** 120A	320	337.2	350	135	135	115	7.2	M6

* Wiring standard : Flexible 0.2~6mm² - Rigid 0.2~10mm² - Terminal tightening torque 1.2 N m

* Cavi standard : Flessibile 0.2~6mm² - Rigido 0.2~10mm² - Coppia di serraggio morsetti: 1.2 N m

** Wiring standard : Flexible 0.2~16mm² - Rigid 0.2~25mm² - Terminal tightening torque 2.0 N m

** Cavi standard : Flessibile 0.2~16mm² - Rigido 0.2~25mm² - Coppia di serraggio morsetti: 2.0 N m

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