

série FC 50

FILTRO TRIFÁSICO PARA ALTAS CORRENTES USO GERAL E COMPACTO.

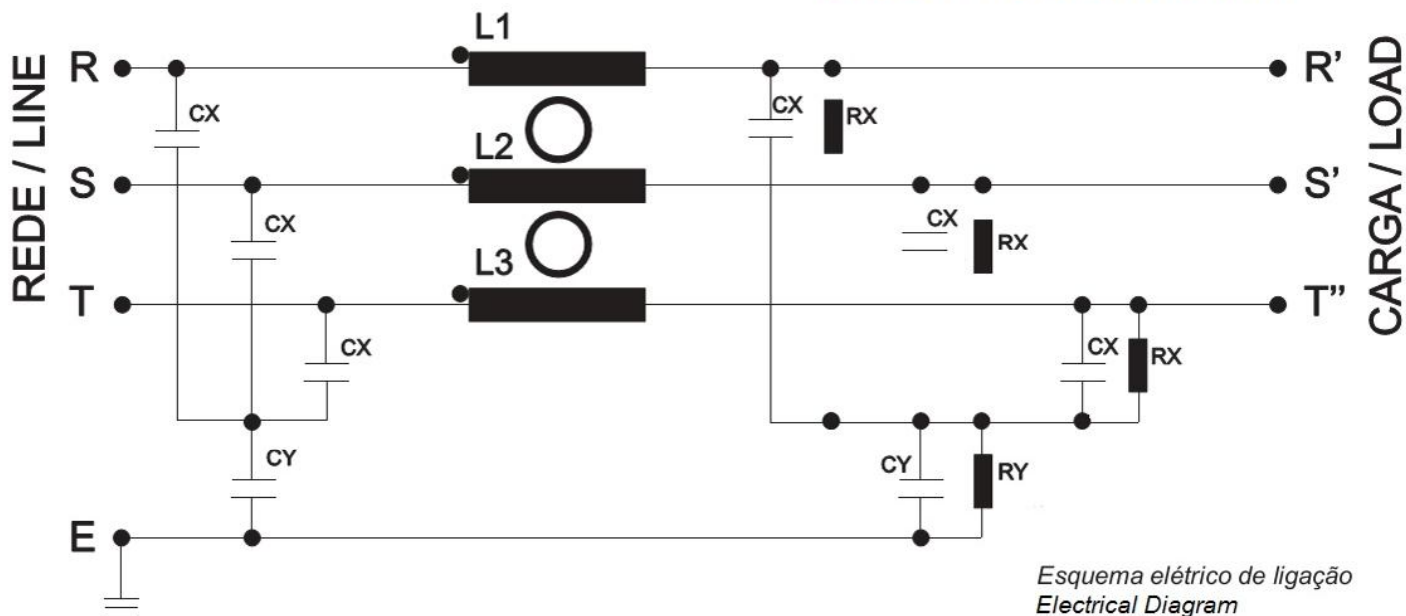
COMPACT HIGH CURRENT
 3 PHASES GENERAL
 PURPOSE FILTER.



Faixa de corrente: 100 A a 1800 A.
 Excelente atenuação de 150KHz a 30MHz.
 Baixa corrente de fuga.
 Tensão de trabalho até 700Vac- 50/60Hz.
 Compacto para sua categoria.
 Normas: CISPR 11, CISPR 17.

100 to 1800A current ratings range.
 Exceptional attenuation from 150KHz to 30MHz.
 Small leakage current.
 Maximum operating voltage: 700VAC.
 Very compact.

CIRCUITO ELÉTRICO ELECTRICAL DIAGRAM



Esquema elétrico de ligação
 Electrical Diagram

TABELA DE DADOS GERAIS GENERAL INFORMATION TABLE

Tipo Type	Corrente a 50°C (A) Current at 50°C (A)	Corrente de fuga (mA) Leakage Current	Conexões Connections	Peso (Kg) Weight
50-100-2	100	< 4	Parafuso/Screw M10	6,100
50-150-2	150	< 4	Parafuso/Screw M10	6,400
50-180-2	180	< 4	Parafuso/Screw M10	6,500
50-200-2	200	< 4	Parafuso/Screw M12	12,000
50-250-2	250	< 4	Parafuso/Screw M12	13,000
50-300-2	300	< 4	Parafuso/Screw M12	20,800
50-350-2	350	< 4	Parafuso/Screw M12	20,800
50-400-2	400	< 4	Parafuso/Screw M14	20,800
*50-500-5	500	< 4	Barra / Cooper Bar	45,000
*50-600-5	600	< 4	Barra / Cooper Bar	45,000
*50-700-5	700	< 4	Barra / Cooper Bar	45,000
*50-900-5	900	< 4	Barra / Cooper Bar	45,500
*50-1200-5	1200	< 4	Barra / Cooper Bar	45,500
*50-1500-5	1500	< 4	Barra / Cooper Bar	45,000
*50-1800-5	1800	< 4	Barra / Cooper Bar	46,000

* Para outras configurações de filtros, favor entrar em contato.

* For others filter settings, contact the commercial sector

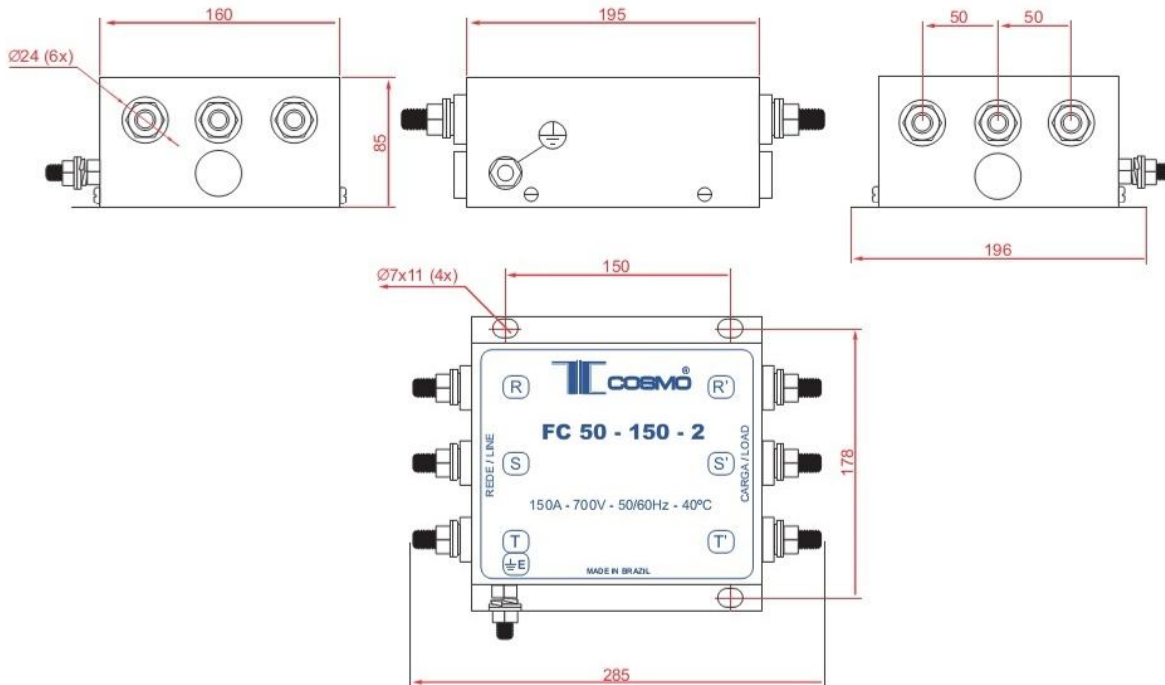
TABELA DE ATENUAÇÃO INSERTION / ATTENUATION TABLE

CORRENTE	FREQ. (MHz) MODULO	0,1	0,25	0,5	0,75	1	5	10	15	20	25	30
		100 A	MC	11,52	16,33	20,71	18,08	17,72	7,06	8,33	9,38	12,24
	MD	40,67	15,60	15,31	17,68	14,52	7,06	8,55	9,40	21,38	13,66	12,55
150 A	MC	10,46	15,79	19,42	17,97	15,89	5,95	6,26	6,28	10,61	10,23	9,55
	MD	39,80	13,46	13,16	15,23	14,55	7,17	7,46	6,40	10,22	11,64	10,25
200 A	MC	10,33	10,06	9,70	10,43	10,70	8,12	9,75	5,22	7,44	4,65	4,43
	MD	43,60	22,80	15,20	13,03	12,65	8,65	9,66	8,07	7,42	7,70	7,01
250 A	MC	9,73	10,06	9,86	10,55	10,88	8,09	9,86	5,38	7,51	4,48	4,21
	MD	41,94	22,92	15,26	13,07	12,59	8,73	9,86	8,11	7,51	6,60	6,95
300 A	MC	15,33	17,66	16,32	15,77	15,90	13,53	12,76	8,72	8,25	7,43	6,67
	MD	42,05	28,75	23,55	19,87	16,77	14,02	12,72	10,07	8,07	9,65	8,32
400 A	MC	15,22	14,75	14,35	13,86	14,97	13,25	12,65	9,77	8,72	7,85	6,85
	MD	41,75	27,33	26,06	24,75	23,87	16,42	12,43	10,05	7,51	9,43	8,76
500 A	MC	14,76	14,27	13,33	13,01	14,65	14,01	10,35	9,43	8,65	7,65	7,40
	MD	41,39	28,05	27,97	24,65	22,14	15,75	10,40	9,97	8,33	8,97	9,25
600 A	MC	30,90	27,84	35,62	42,08	44,81	33,95	30,02	28,42	28,00	27,16	27,20
	MD	51,06	26,06	30,70	40,34	43,36	35,55	32,72	31,41	31,06	30,75	30,77
700 A	MC	29,52	27,47	34,62	41,61	44,36	33,66	29,64	27,99	27,14	26,23	25,72
	MD	49,66	25,01	30,02	39,10	43,43	37,91	31,75	30,72	30,05	29,69	29,71
800 A	MC	28,72	26,06	33,67	40,34	42,91	32,67	28,41	26,72	25,69	25,18	24,58
	MD	48,92	27,86	28,84	37,98	42,01	33,95	30,70	29,23	28,88	28,45	28,03
900 A	MC	27,84	25,01	32,72	39,53	42,01	31,68	27,59	25,68	25,71	23,95	23,96
	MD	47,66	23,21	27,59	36,98	41,16	33,00	29,64	28,42	27,62	27,23	27,25
1000 A	MC	26,06	24,39	31,39	38,35	41,10	30,61	26,70	24,53	23,93	23,38	22,68
	MD	47,25	21,87	26,70	35,05	40,27	32,30	28,41	27,61	26,74	26,23	26,25
1100 A	MC	26,06	23,21	30,70	37,29	40,27	29,93	25,66	24,00	23,36	22,67	22,06
	MD	26,56	21,11	25,66	35,47	39,47	30,99	27,59	27,12	25,69	25,71	25,20
1200 A	MC	25,01	22,50	29,22	35,95	39,04	28,69	24,52	23,35	22,65	22,04	21,30
	MD	44,33	19,69	24,52	33,64	37,91	29,50	26,70	25,68	25,17	24,56	24,58

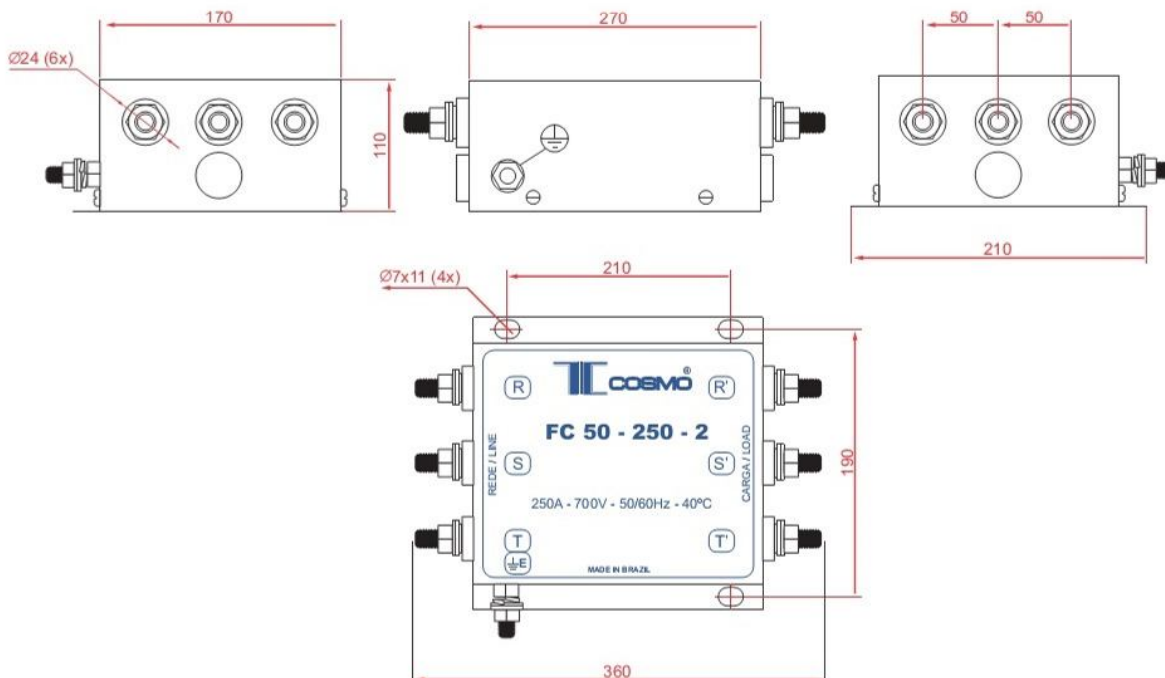
Tabela de Atenuação dos Filtros da série 50. NOTAS: MC= Modo Comum / MD= Modo Diferencial. Ambos com valores em dBm
 Attenuation table of Series Filters 50. NOTES: MC = Common Mode / MD = Differential Mode. Both with values in dBm

DIMENSÕES (mm)

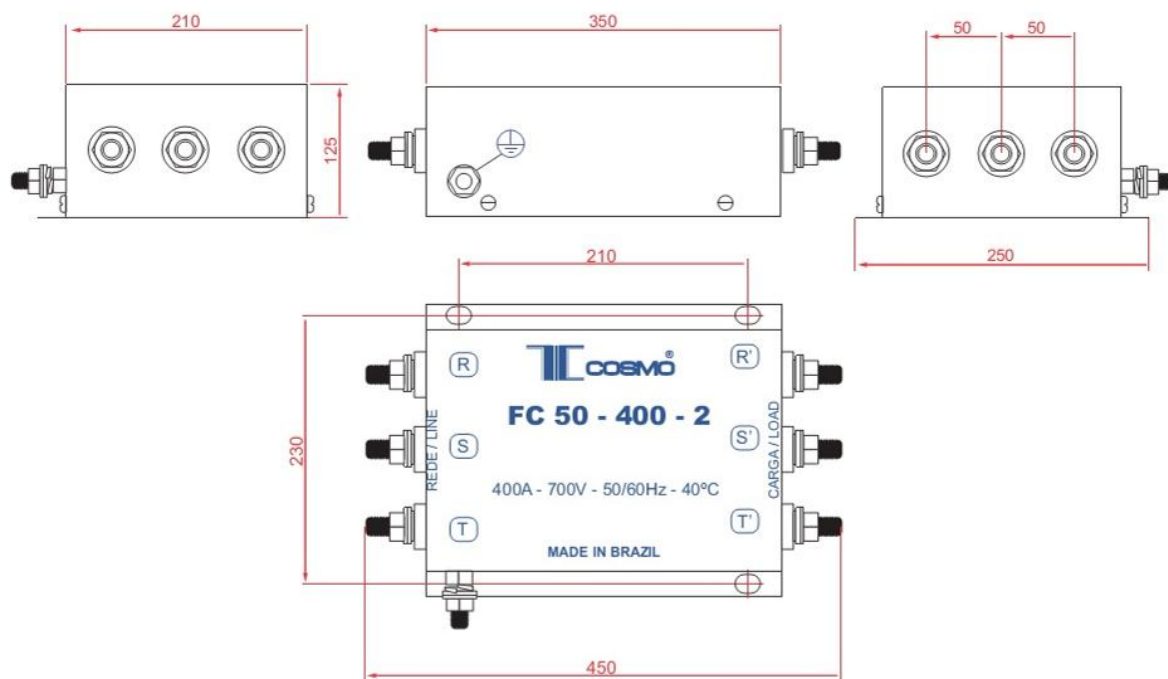
DIMENSIONS (mm)



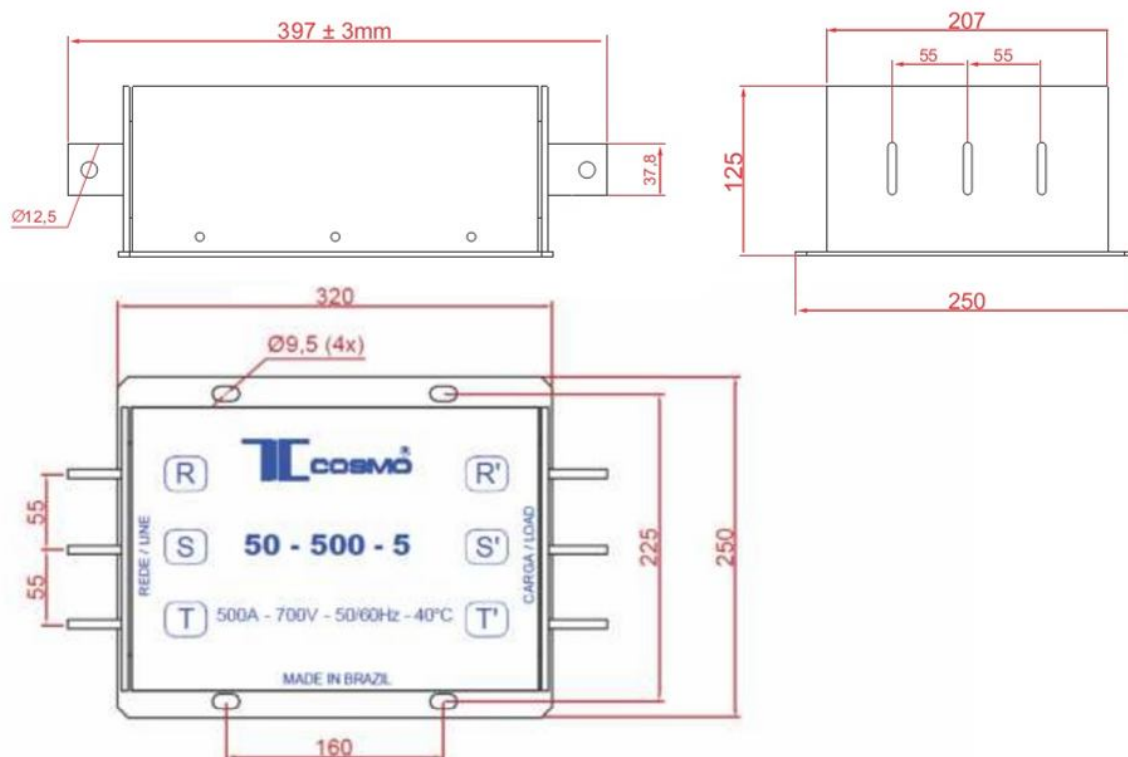
Desenho mecânico dimensional para filtros com corrente nominal de 100, 150 e 180 Amperes
Dimensional mechanic drawing for filters with nominal current 100, 150 and 180 Amperes



Desenho mecânico dimensional para filtros com corrente nominal de 200 e 250 Amperes
Dimensional mechanic drawing for filters with nominal current 200 and 250 Amperes



*Desenho mecânico dimensional para filtros com corrente nominal de 300 e 400 Amperes
 Dimensional mechanic drawing for filters with nominal current 300 and 400 Amperes*



*Desenho mecânico dimensional para filtros com corrente nominal maior ou igual a 500 Amperes.
 Dimensional mechanic drawing with nominal current larger or equal than 500 Amperes*