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EBL Series Output Filters (5-600A)

Typical application

- Frequency converters
- UPS AC and DC inverter equipment
- Reducing wear of inverter and motor choke



Features and benefits

- dv/dt limitation
- Over-voltage protection
- Reduction of electromagnetic interference levels
 from inverters

Conformity

C	E	ΕN	60	93	ç

- CSA C22,2 | available on request for most types
- **N** UL 1283 | available on request for most types Climatic category | 40/085/21 (IEC 60068-1)

Technical specifications

	Symbol	Value	Unit	Remarks
Rated voltage	V _R	480/250	VAC	
Rated current	I _R	5 160	А	
Operating frequency	f_{op}	0 120	Hz	
Switching frequency		≤60	KHz	
Insertion loss			dB	
Leakage current	I _I		mA	
Operating temperature	T_{amb}	-40 +85	°C	
Storage temperature	Τ _s	-40 +85	°C	
Test voltage - line to line	V_{test}	1500	VDC	
Test voltage - line to ground	V _{test}	2250	VDC	

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Electrical properties

	-	-		
Model	Connection		Rated Current	Package Type
	Line	Load	[A]	
DL-5EBL1 DL-5EBL5	S	S	5	1
DL-10EBL1 DL-10EBL5	S	S	10	1
DL-15EBL1 DL-16EBL5	S	S	15 16	1
DL-20EBL1	S		20	1
DL-25EBL1 DL-25EBL5	S	S	25	1/2
DL-35EBL1 DL-35EBL5	S	S	35	1/2
DL-50EBL1 DL-50EBL5	S	S	50	2
DL-65EBL1 DL-65EBL5	S	S	65	2
DL-80EBL1 DL-80EBL5	S	S	80	3
DL-100EBL1 DL-100EBL5	S	S	100	3
DL-150EBL1 DL-160EBL5	S	S	150 160	3
DL-200EBL1 DL-200EBL5	S	S	200	3/5
DL-300EBL3 DL-400EBL3 DL-600EBL3	В	В	300 400 600	4

Legend:

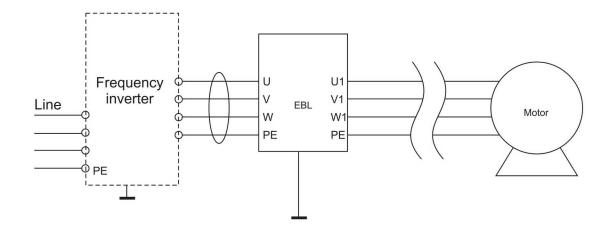
S = screw terminal B = bus bar

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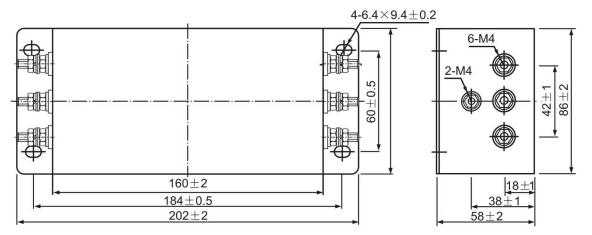
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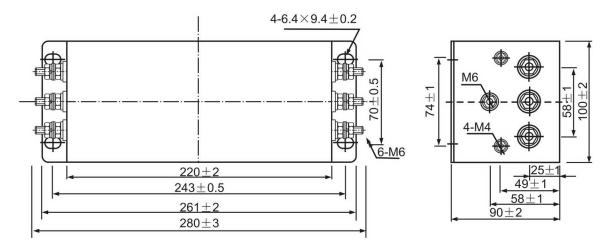
Connection diagram



Mechanical packaging

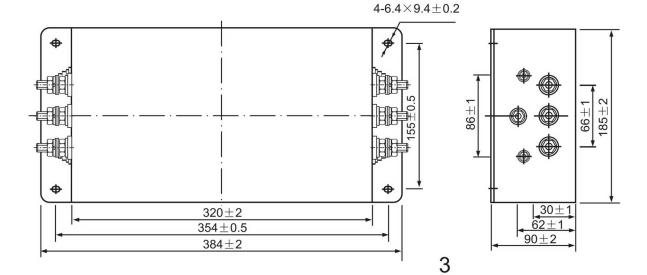


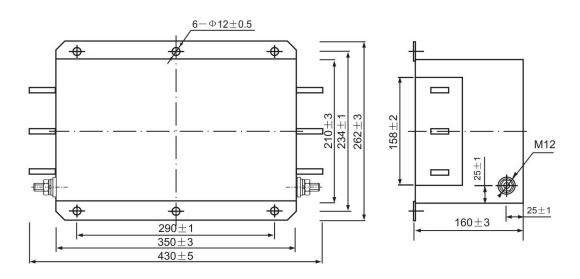
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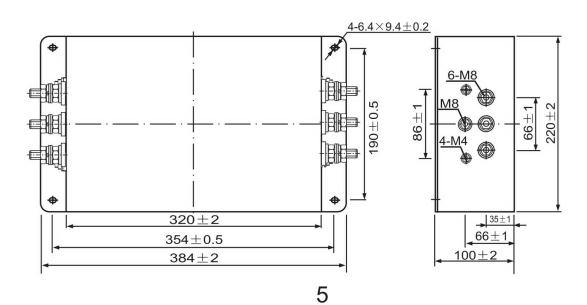
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4



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