



| Product                             | RFI suppression filter (A)<br>4EF151   | RFI suppression filter (B)<br>4EF151   | Dv/dt filter  | Sine-wave filter<br>4EF11   |
|-------------------------------------|--|--|---|---|
| <b>Function</b>                     | Damping of line-related radio interference voltages. Avoiding mutual interference by high-frequency interference voltages. | Damping of line-related radio interference voltages. Avoiding mutual interference by high-frequency interference voltages. | Reduction of the voltage rise speed at the motor terminals. | Motor supply with almost sinusoidal-like current and voltage. Increase of the motor service life and system availability.                                   |
| <b>Operating voltage</b>            | 1 x 250 V AC<br>3 x 520 V AC   | 1 x 250 V AC<br>3 x 480 V AC   | 3 x 500 V AC  | 3 x 500 V AC  |
| <b>Power range</b> <sup>1) 1)</sup> | For drives of 0.55–900 kW  | For drives of 0.55–90 kW   | Available upon request                                      | For drives of 1.5–75 kW   |
| <b>Currents</b>                     | 10–1600 A  | 8–200 A  |   | 4–150 A   |
| <b>Frequency</b>                    | 60 Hz  | 60 Hz  | Max. 200 Hz   | Max. 100 Hz   |
| <b>Rated temperature</b>            | ta 40 °C   | ta 40 °C   | ta 40 °C  | ta 40 °C  |
| <b>Degree of protection</b>         | ≤ 220 A IP20, > 220 A IP00   | IP20   | IP00  | IP00  |
| <b>Connection</b>                   | Terminal, flat connector   | Terminal   | Terminal, flat connector                                    | Terminal, flat connector  |
| <b>Approval</b>                     | UL partially<br>ENEC partially   | UL partially<br>ENEC partially   |   | UL  |
| <b>Special features</b>             | Filter recommended for screening in accordance with EN 55011 Class A   | Filter recommended for screening in accordance with EN 55011 Class B   | 4–8 kHz   | Applicable: <ul style="list-style-type: none"> <li>• Clock frequency 4 kHz to 8 kHz</li> <li>• Motor cable max. 300 m unshielded, 200 m shielded</li> </ul> |

1) All models are also available with a higher power range. Should you be interested if you would like further advice, please contact e-mail: MD\_Anfrage@brmr.siemens.com