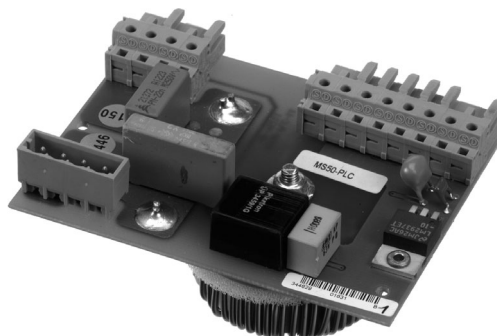


**Interface**



**Filter circuit board**

<p><b>Article number:</b> 221 745 <b>Description:</b> Interface 232PB-NR</p>		<p><b>Interface RS232</b> This interface enables data to be transmitted between inverters and devices such as data loggers, PCs or displays via a separate data line.</p>
<p><b>Contents:</b> May be used with:</p>	<p>Interface circuit board SMA inverters SB 700, SB 1100, SB 1700, SB 2100TL, SB 2500, SB 2800i, SB 3000, SB 3300, SB 3800</p>	<p>If you are connecting just one Sunny Boy inverter with a PC or other device, they can be linked using the <b>RS 232 interface</b>. This type of data transmission is possible over distances of up to 12 metres.</p> <p>The <b>232PB-NR interface</b> is suitable for types SB 700, SB 1100, SB 1700, SB 2100TL, SB 2500, SB 2800i, SB 3000, SB 3300, SB 3800.</p>
<p><b>Possible line length:</b> 232PB-NR</p>	<p>Up to 12 m</p>	<p>The <b>232PB-MS-NR interface</b> is suitable for types SB 3300TL, SB 3300TL HC, SB 4200TL HC, SB 5000TL, SB 5000TL HC.</p>
<p><b>Article number:</b> 231 053 <b>Description:</b> Interface 232PB-MS-NR</p>		<p>The <b>232PB-SMC-NR interface</b> is suitable for types SMC 5000, SMC 6000, SMC 6000TL, SMC 7000TL, SMC 8000TL.</p> <p>If multiple Sunny Boy inverters (max. 50) are used, you are advised to use the <b>RS485 interface</b>. This will allow data line lengths of up to 1200 metres, without an intermediate repeater.</p>
<p><b>Contents:</b> For use with:</p>	<p>Interface circuit board Filter circuit board SMA inverters SB 3300TL, SB 3300TL HC, SB 4200TL HC, SB 5000TL, SB 5000TL HC</p>	<p><b>Features</b></p> <ul style="list-style-type: none"> <li>• Reliable operation over short distances</li> <li>• Interface to most additional devices available as standard</li> <li>• Independent of disturbances such as harmonics and reflections.</li> </ul>
<p><b>Possible line length:</b> 232PB-MS-NR</p>	<p>Up to 12 m</p>	
<p><b>Article number:</b> 231 463 <b>Description:</b> Interface 232PB-SMC-NR</p>		
<p><b>Contents:</b> For use with:</p>	<p>Interface circuit board Filter circuit board SMA inverters SMC 5000, SMC 6000, SMC 6000TL, SMC 7000TL, SMC 8000TL</p>	
<p><b>Possible line length:</b> 232PB-SMC-NR</p>	<p>Up to 12 m</p>	