

#### Overview



- Digital outputs as a supplement to the integral I/O of the CPUs
- For flexible adaptation of the controller to the corresponding task
- For subsequent expansion of the system with additional outputs
- From +60 °C to +70 °C, max. 50% of the inputs can be controlled simultaneously

#### Note:

SIPLUS extreme products are based on Siemens Industry standard products. The contents listed here were taken from the respective standard products. SIPLUS extreme-specific information was added.

3

#### Technical specifications

The technical data correspond to those of the based-on modules apart from the values listed in the table:

	<b>6AG1222-1BF32-2XB0</b> SM 1222 DQ 8x24 VDC	<b>6AG1222-1BF32-4XB0</b> SM 1222 DQ 8x24 VDC	<b>6AG1222-1BH32-2XB0</b> SM 1222 DQ 16x24 VDC	<b>6AG1222-1BH32-4XB0</b> SM 1222 DQ 16x24 VDC
<b>Based on</b>	<b>6ES7222-1BF32-0XB0</b>	<b>6ES7222-1BF32-0XB0</b>	<b>6ES7222-1BH32-0XB0</b>	<b>6ES7222-1BH32-0XB0</b>
<b>Ambient conditions</b>				
Extended ambient conditions				
<ul style="list-style-type: none"> <li>• Relative to ambient temperature-atmospheric pressure-installation altitude</li> <li>• Relative humidity               <ul style="list-style-type: none"> <li>- With condensation, tested in accordance with IEC 60068-2-38, maximum</li> </ul> </li> <li>• Resistance               <ul style="list-style-type: none"> <li>- to biologically active substances/conformity with EN 60721-3-3</li> <li>- to chemically active substances/conformity with EN 60721-3-3</li> <li>- to mechanically active substances/conformity with EN 60721-3-3</li> </ul> </li> </ul>	Tmin ... Tmax at 1080 hPa ... 795 hPa (-1000 m ... +2000 m) // Tmin ... (Tmax - 10K) at 795 hPa ... 658 hPa (+2000 m ... +3500 m) // Tmin ... (Tmax - 20K) at 658 hPa ... 540 hPa (+3500 m ... +5000 m)			
	100 %; RH incl. condensation/frost (no commissioning under condensation conditions)			
	Yes; Class 3B2 mold, fungus and dry rot spores (with the exception of fauna). The supplied connector covers must remain on the unused interfaces during operation!			
	Yes; Class 3C4 (RH < 75%) incl. salt spray according to EN 60068-2-52 (degree of severity 3). The supplied connector covers must remain on the unused interfaces during operation!			
	Yes; Class 3S4 incl. sand, dust. The supplied connector covers must remain on the unused interfaces during operation!			
<b>Climatic and mechanical conditions for storage and transport</b>				
Climatic conditions for storage and transport				
<ul style="list-style-type: none"> <li>• Free fall               <ul style="list-style-type: none"> <li>- Drop height, max. (in packaging)</li> </ul> </li> <li>• Temperature               <ul style="list-style-type: none"> <li>- Permissible temperature range</li> </ul> </li> </ul>	0.3 m; five times, in dispatch package			
	-40 °C to +70 °C			
<b>Mechanical and climatic conditions during operation</b>				
Climatic conditions in operation				
<ul style="list-style-type: none"> <li>• Temperature               <ul style="list-style-type: none"> <li>- Min.</li> <li>- max.</li> </ul> </li> </ul>	-40 °C; = Tmin; startup @ -25 °C 70 °C; = Tmax; Tmax > +60 °C number of simultaneously activated outputs 4 (no adjacent points) for horizontal mounting position	-20 °C; = Tmin; startup @ 0 °C 60 °C; = Tmax	-40 °C; = Tmin; startup @ -25 °C 70 °C; = Tmax; Tmax > +60 °C number of simultaneously activated outputs 8 (no adjacent points) for horizontal mounting position	-20 °C; = Tmin; startup @ 0 °C 60 °C; = Tmax