



SIMATIC TDC Signal module SM500 with 8 AO/8 AI/16 DO/16 DI/ 4 incremental encoder inputs/ 4 absolute value encoder inputs/ 6 LEDs

General information	
Product type designation	SM500
Power loss	
Power loss, typ.	12.5 W
Digital inputs	
Number of digital inputs	16
Input current	
• for signal "1", typ.	3 mA
Digital outputs	
Number of digital outputs	16
Output current	
• for signal "1" rated value	50 mA
Analog inputs	
Number of analog inputs	8
Analog outputs	
Number of analog outputs	8
Analog value generation for the inputs	
Integration and conversion time/resolution per channel	
• Resolution with overrange (bit including sign), max.	12 bit
Analog value generation for the outputs	
Integration and conversion time/resolution per channel	
• Resolution with overrange (bit including sign), max.	12 bit
Dimensions	
Width	20 mm
Height	233 mm
Depth	160 mm

last modified: 3/12/2024 