SIEMENS

Data sheet 6DD1640-0AH0



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
Classifications	

	Version	Classification
eClass	16	27-24-22-02
eClass	14	27-24-22-02
eClass	12	27-24-22-02
eClass	9.1	27-24-22-02
eClass	9	27-24-22-02
eClass	8	27-24-22-02
eClass	7.1	27-24-22-02
eClass	6	27-24-22-02
ETIM	10	EC001421

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ETIM	9	EC001421
ETIM	8	EC001421
ETIM	7	EC001421
IDEA	4	3563
UNSPSC	15	32-15-17-05

Approvals / Certificates

General Product Approval

Miscellaneous

China RoHS

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