



SIMATIC S7-300, cam controller, FM 352, electronic incl. configuration package on CD

Figure similar

Supply voltage	
Rated value (DC)	24 V
Input current	
from load voltage L+ (without load), max.	200 mA
from backplane bus 5 V DC, max.	100 mA
Encoder supply	
5 V encoder supply	
• 5 V	Yes
• Output current, max.	300 mA
• Cable length, max.	32 m
24 V encoder supply	
• 24 V	Yes
• Output current, max.	300 mA
• Cable length, max.	100 m
Power loss	
Power loss, typ.	8.1 W
Digital inputs	
Number of digital inputs	4
Functions	Reference point switch, set floating actual value/length measurement, brake release, enable track output no. 3
Input voltage	
• Rated value (DC)	24 V
• for signal "0"	-30 to +5 V
• for signal "1"	+11 to +30V
Input current	
• for signal "0", max. (permissible quiescent current)	2 mA
• for signal "1", typ.	9 mA
Digital outputs	
Number of digital outputs	13
Functions	Cam track
Short-circuit protection	Yes
Output voltage	
• Rated value (DC)	24 V
• for signal "1", min.	UP - 0.8 V
Output current	
• for signal "1" permissible range for 0 to 60 °C, min.	5 mA; with UPmax
• for signal "1" permissible range for 0 to 60 °C, max.	600 mA; with UPmax
• for signal "0" residual current, max.	0.5 mA
Encoder	

Connectable encoders		
• Incremental encoder (symmetrical)	Yes	
• Incremental encoder (asymmetrical)	Yes	
• Absolute encoder (SSI)	Yes	
• 2-wire sensor	Yes	
— permissible quiescent current (2-wire sensor), max.	2 mA	
Encoder signals, incremental encoder (symmetrical)		
• Trace mark signals	A, notA, B, notB	
• Zero mark signal	N, notN	
• Input voltage	5 V difference signal (phys. RS 422)	
• Input frequency, max.	1 MHz	
Encoder signals, incremental encoder (asymmetrical)		
• Trace mark signals	A, B	
• Zero mark signal	N	
• Input voltage	24 V	
• Input frequency, max.	50 kHz; 50 kHz for 25 m cable length; 25 kHz for 100 m cable length	
Encoder signals, absolute encoder (SSI)		
• Data signal	DATA, notDATA	
• Clock signal	CL, notCL	
• Telegram length, parameterizable	13 or 25 bit	
• Clock frequency, max.	1 MHz	
• Gray code	Yes	
• Cable length, shielded, max.	320 m; at max. 125 kHz	
Potential separation		
Potential separation digital inputs		
• Potential separation digital inputs	No	
Potential separation digital outputs		
• Potential separation digital outputs	No	
Ambient conditions		
Ambient temperature during operation		
• min.	0 °C	
• max.	60 °C	
Ambient temperature during storage/transportation		
• min.	-40 °C	
• max.	70 °C	
connection method		
required front connector	1x 20-pin	
Dimensions		
Width	80 mm	
Height	125 mm	
Depth	120 mm	
Weights		
Weight, approx.	550 g	
Classifications		
eClass	Version	Classification
eClass	14	27-24-22-05
eClass	12	27-24-22-05
eClass	9.1	27-24-22-05
eClass	9	27-24-22-05
eClass	8	27-24-22-05
eClass	7.1	27-24-22-05
eClass	6	27-24-22-05
ETIM	9	EC001422
ETIM	8	EC001422
ETIM	7	EC001422
IDEA	4	3567
UNSPSC	15	32-15-17-05
Approvals / Certificates		

General Product Approval

EMV



[Manufacturer Declaration](#)



For use in hazardous locations



[EM](#)



[Miscellaneous](#)

For use in hazardous locations

Marine / Shipping

[CCC-Ex](#)



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