

*** SPARE PART*** SIMATIC S7-300, FM 352 ELECTRON. CAM-OPERATED CONTROL INCL. CONFIG. PACKAGE ON CD

Supply voltage	
Rated value (DC)	Yes
<ul style="list-style-type: none"> • 24 V DC 	
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	
<ul style="list-style-type: none"> • 5 V 	Yes
<ul style="list-style-type: none"> • Output current, max. 	300 mA
<ul style="list-style-type: none"> • Cable length, max. 	32 m
24 V encoder supply	
<ul style="list-style-type: none"> • 24 V 	Yes
<ul style="list-style-type: none"> • Output current, max. 	300 mA
<ul style="list-style-type: none"> • 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	
<ul style="list-style-type: none"> • Rated value (DC) 	24 V
<ul style="list-style-type: none"> • for signal "0" 	-3 to +5V
<ul style="list-style-type: none"> • for signal "1" 	+11 to +30V
Input current	
<ul style="list-style-type: none"> • for signal "0", max. (permissible quiescent current) 	2 mA
<ul style="list-style-type: none"> • for signal "1", typ. 	9 mA
Digital outputs	
Number of digital outputs	13
Functions	Cam track
Short-circuit protection	Yes
Output voltage	

<ul style="list-style-type: none"> Rated value (DC) for signal "1", min. 	<p>24 V</p> <p>UP - 0.8 V</p>
Output current	
<ul style="list-style-type: none"> for signal "1" permissible range for 0 to 60 °C, min. 	5 mA; with UPmax
<ul style="list-style-type: none"> for signal "1" permissible range for 0 to 60 °C, max. 	600 mA; with UPmax
<ul style="list-style-type: none"> for signal "0" residual current, max. 	0.5 mA

Encoder

Connectable encoders	
<ul style="list-style-type: none"> Incremental encoder (symmetrical) Incremental encoder (asymmetrical) Absolute encoder (SSI) 2-wire sensor <ul style="list-style-type: none"> permissible quiescent current (2-wire sensor), max. 	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>2 mA; on signal "0", max. 2 mA; on signal "1", max. 9 mA</p>
Encoder signals, incremental encoder (symmetrical)	
<ul style="list-style-type: none"> Trace mark signals Zero mark signal Input voltage Input frequency, max. 	<p>A, notA, B, notB</p> <p>N, notN</p> <p>5 V difference signal (phys. RS 422)</p> <p>1 MHz</p>
Encoder signals, incremental encoder (asymmetrical)	
<ul style="list-style-type: none"> Trace mark signals Zero mark signal Input voltage Input frequency, max. 	<p>A, B</p> <p>N</p> <p>24 V</p> <p>50 kHz; 50 kHz for 25 m cable length; 25 kHz for 100 m cable length</p>
Encoder signals, absolute encoder (SSI)	
<ul style="list-style-type: none"> Data signal Clock signal Telegram length, parameterizable Clock frequency, max. Gray code Cable length, shielded, max. 	<p>DATA, notDATA</p> <p>CL, notCL</p> <p>13 or 25 bit</p> <p>1 MHz</p> <p>1</p> <p>320 m; at max. 125 kHz</p>

Potential separation

Potential separation digital inputs	
<ul style="list-style-type: none"> Potential separation digital inputs 	No
Potential separation digital outputs	
<ul style="list-style-type: none"> Potential separation digital outputs 	No

Degree and class of protection

Degree of protection acc. to EN 60529	
---------------------------------------	--

• IP20

Yes

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

last modified:

03/16/2018