SIEMENS

Data sheet

6ES7522-5FH00-0AB0



SIMATIC S7-1500, digital output module DQ 16x230 V AC/1 A ST; TRIAC; 16 channels in groups of 2; 2 A per group; Substitute value: Front connector (screw terminals or push-in) to be ordered separately

General information	
Product type designation	DQ 16x230VAC/1A ST (Triac)
HW functional status	From FS01
Firmware version	V 1.2.0
FW update possible	Yes
Product function	
 I&M data 	Yes; I&M0 to I&M3
 Isochronous mode 	No
Prioritized startup	Yes
Engineering with	
 STEP 7 TIA Portal configurable/integrated from version 	V13 SP1 / -
 STEP 7 configurable/integrated from version 	V5.5 SP3 / -
 PROFIBUS from GSD version/GSD revision 	V1.0 / V5.1
PROFINET from GSD version/GSD revision	V2.3 / -
Operating mode	
• DQ	Yes
 DQ with energy-saving function 	No
• PWM	No
 Oversampling 	No
• MSO	Yes
 Integrated operating cycle counter 	Yes; FW V1.2.0 or higher
output voltage / header	
Rated value (AC)	230 V; 120/230 V AC, 50/60 Hz
Power	
Power available from the backplane bus	1.2 W
Power loss	
Power loss, typ.	11.1 W
Digital outputs	
Type of digital output	Triac
Number of digital outputs	16
Current-sinking	Yes
Current-sourcing	Yes
Digital outputs, parameterizable	Yes
Short-circuit protection	No
built-in fuse	6.3 A melting fuse, slow-blow
Size of motor starters according to NEMA, max.	4
Switching capacity of the outputs	
 with resistive load, max. 	1 A

Coupti current Carried	• on lamp load, max.	50 W
Cor signal "1", min.	·	
Output current. • for signal "1" rated value • for signal "1" permissible range, min. • for signal "1" reset value • for signal "1" permissible range, max. • for signal "1" reset value • for signal "1" reset value • for signal "1" reset value • "1" for "0", max. • for logic links • for upraling • for redundant control of a load • Ves • with resistive load, max. • of representation of the subjuts • for upraling • with resistive load, max. • with inductive load, max. • on lamp load max. • on lamp load max. • Output produm, max. • Current per group, max. • Current per module, max. • Unahielded, unax. • Unahiel		
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• ""1" to ""; max.		
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	 horizontal installation, max. 	60 °C

vertical installation, min.vertical installation, max.	0 °C 40 °C	
Dimensions		
Width	35 mm	
Height	147 mm	
Depth	129 mm	
Weights		
Weight, approx.	310 g	

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