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	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, unahielded, max. • Unahielded, unahielde		
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or signal "O' residual current, max.		15 A: max. 1 AC cvcle
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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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