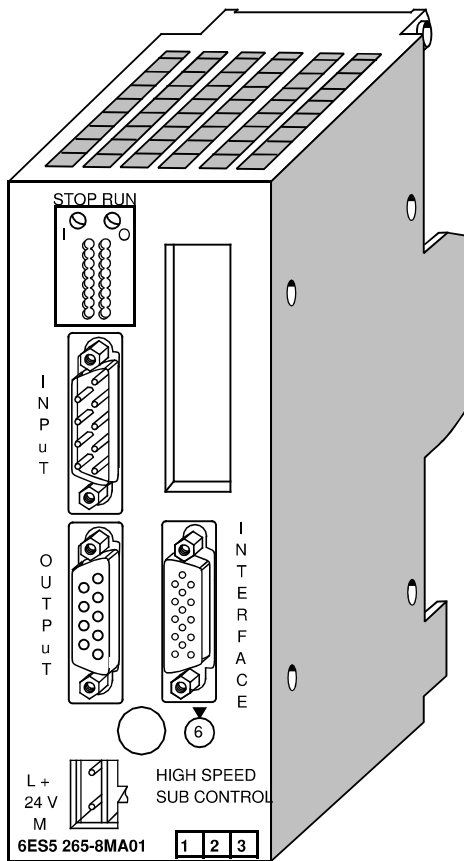


15.10 IP 265 High Speed Sub Control

(6ES5 265-8MA01)



Technical Specifications		Digital 24 V outputs (9-pin sub D socket connector)	
Current consumption from +9 V (CPU)	<175 mA	Number of outputs	8
Signal status display	only for 24 V inputs and 24 V outputs (green LEDs)	Galvanic isolation	no
Operating status display	STOP (red LED) RUN (green LED)	Status display	Yes, on 5 V side
Memory submodule	EPROM/EEPROM	Short-circuit protection	Yes, electronic clock cycle
Power loss	typ. 2.3 W	Load voltage L+ - Rated value - Permissible range	24 V DC 20 to 30 V
Weight	approx. 300 g (10.6 oz.)	Output current at "1" signal	0.5 A at 60 °C
Digital 24 V Inputs (9-pin sub D connector)		Permissible total current of output	2 A at 60 °C
Number of inputs	8	Connection of outputs in parallel	possible in pairs ($I_{outp}=0.8 \times I_{rated}$)
Galvanic isolation	no	Output frequency at ohmic load	max. 1 kHz at 15 mA load* max. 2 kHz at 50 mA load* max. 4 kHz at 500 mA load*
Status display	Yes, on 5 V side	Cable length	max. 100 m (330 ft.)
Input voltage L+ - Rated value - for "0" signal - for "1" signal	24 V DC 0 to 5 V 11 to 30 V (IEC 65A)	Lamp load	max. 2 W
Input current at "1" signal	typ. 6.5 mA (IEC 65 A)	Residual current at "0" signal	max. 1 mA
Connection of 2-wire BERO	possible (zero signal current 1.5 mA)	Voltage drop at "1" signal	max. 1 V
Input frequency	max. 10 kHz	Limitation of inductive cut-off voltage	-15 V
Cable length (shielded)	max. 100 m (330 ft.)	Delay time of output circuit - Rising edge - Falling edge, depending on ohmic load:	typ. 10 µs typ. 150 µs at 15 mA load* typ. 90 µs at 50 mA load* typ. 70 µs at 500 mA load*
Delay time of input circuit - Rising edge - Falling edge	typ. 15 µs typ. 10 µs	Expansion input and outputs (15-pin D sub HD socket connector)	
5 V differential inputs (15-pin D sub HD socket connector)		Number of inputs and outputs	8 (any desired mixture of I/Os can be configured)
Number and type of input signals	3 differential signals RS 422	Connector for 24 V load voltage (2-pin)	
Input frequency	max. 58 kHz	Permissible cross-sections of cables - Flexible cable H07V-K with end sleeve - Solid cable H07V-U	0.5 to 1.5 mm ² 0.5 to 2.5 mm ²
Pulse length - "Low" level - "High" level	min. 8.6 µs min. 8.6 µs		
Cable length (shielded)	max. 32 m (105 ft.)		

* Peak value (no effective value specified)