

# SIEMENS

## Product data sheet

**6SL3055-0AA00-3HA0**

### General Data

product name	Terminal Module TM17 High Feature
Supply voltage / rated voltage	24 V
Current consumption / without load max.	0.2 A
Conductor cross-sections / can be connected	2.5 mm <sup>2</sup> for power supply
power loss / max.	4 W
Number / DRIVE-CLiQ interfaces	2
Peripherals	
I/Os	DI/O, channel specific parameterization
Number / digital inputs/outputs	16
Electrical isolation	no
Connection system	screw slot terminal
Conductor cross-section / maximum	1.5 mm <sup>2</sup>
Digital Inputs	
Digital inputs / Functions	each channel can be configured as: digital input / measuring input / enable input (max. 6 inputs)
Digital inputs / Input voltage	
Digital inputs / Input voltage / Rated value, DC	24 V
Digital inputs / Input voltage / for signal "0"	
Digital inputs / Input voltage / for signal "0" / min.	-30 V
Digital inputs / Input voltage / for signal "0" / max.	5 V
Digital inputs / Input voltage / for signal "1"	
Digital inputs / Input voltage / for signal "1" / min.	15 V
Digital inputs / Input voltage / for signal "1" / max.	30 V
Digital inputs / input delay	
Digital inputs / input delay / At rated input voltage	1 μs / 125 μs +/- 15 % (selectable in 2 steps)
Digital inputs / Measuring input function	
Digital inputs / Measuring input function / accuracy	<= +/- 1 μs
Digital inputs / Measuring input function / resolution	1 μs
Digital Outputs	

Digital outputs / Reverse polarity protected	Yes
Digital outputs / Functions	each channel can be configured as: digital output / output cam output
Digital outputs / Functions / Note	the logic state of each digital output can be read back
Digital outputs / Output voltage	
Digital outputs / Output voltage / Rated value (DC)	24 V
Digital outputs / Output current	
Digital outputs / Output current / per channel	0.5 A
Digital outputs / Summation current of the outputs (per group)	
Digital outputs / Summation current of the outputs (per group) / up to 60 °C, max.	2 A
Digital outputs / Summation current of the outputs (per group) / up to 50 °C, max.	3 A
Digital outputs / Summation current of the outputs (per group) / up to 40 °C, max.	4 A
Digital outputs / output delay (ohmic load)	
Digital outputs / output delay (ohmic load) / at '0' after '1'	
Digital outputs / output delay (ohmic load) / at '0' after '1' / typ.	50 µs
Digital outputs / output delay (ohmic load) / at '0' after '1' / max.	100 µs
Digital outputs / output delay (ohmic load) / at '1' after '0'	
Digital outputs / output delay (ohmic load) / at '1' after '0' / typ.	75 µs
Digital outputs / output delay (ohmic load) / at '1' after '0' / max.	150 µs
Digital outputs / cam function	
Digital outputs / cam function / accuracy	<= +/- 10 µs
Digital outputs / cam function / resolution	1 µs
Additional Data	
Number / modules per control / max.	3
weight / approx.	0.86 kg
dimension	
dimension / width	50 mm
dimension / height	150 mm
dimension / depth	111 mm
Approvals	UL

last change:

Mar 3, 2014