

LOGO! modular – the technical data

Analog modules	LOGO! AM2 ²⁾	LOGO! AM2 RTD	LOGO! AM2 AQ ²⁾
Supply voltage	12/24 V DC	12/24 V DC	24 V DC
Permitted range	10.8 ... 28.8 V DC	10.8 ... 28.8 V DC	20.4 ... 28.8 V DC
Analog inputs	2	2 x PT100 or PT1000 2-wire or 3-wire Automatic sensor detection	2
Measuring range		-50 °C ... +200 °C	0 ... 10 V
Input range	0 ... 10 V or 0/4 ... 20 mA	–	0 ... 10 V or 0/4 ... 20 mA
Resolution	10 bit standardized to 0–1000	0.25 °C	10 bit standardized to 0–1000
Cable length (shielded and twisted)	10 m	10 m	10 m
Encoder supply	none	1.1 mA	–
Power loss at 12 V DC at 24 V DC	0.3 ... 0.6 W 0.6 ... 1.2 W	0.3 ... 0.6 W 0.6 ... 1.2 W	– 0.6 ... 1.2 W
Dimensions (W x H x D)	36 (2 MW) x 90 x 53 mm	36 (2 MW) x 90 x 53 mm	36 (2 MW) x 90 x 53 mm

²⁾ As SIPLUS component also for extended temperature range -40 ... +70 °C and corrosive atmosphere/condensation (www.siemens.com/siplus)

LOGO! TD Text Display	
Supply voltage	12 V DC, 24 V AC/DC
Permitted range	10.2 ... 28.8 V DC or 20.4 to 26.4 V AC (47 ... 63 Hz)
Input	6 standard keys, 4 function keys (tactile-touch keys)
Display	61 x 33 mm, white, controllable backlight, adjustable contrast
Lines/characters	4 lines, 12/16 characters per line (depends on character set)
Length of connecting cable	2.5 m (extendable to 10 m with "universal" 9-wire standard serial cable)
Power consumption at 24 V DC	typ. 65 mA (12 V DC), typ. 40 mA (24 V DC), typ. 90 mA (24 V AC)
Cutout dimensions (W x H x D)	119.5 x 78.5 x 1.5 – 4.0 mm for panel mounting (128.3 x 86 x 38.7 mm total)

Communication modules (CM)	EIB/KNX	CM AS-Interface (slave)
Supply voltage	12/24 V DC	24 V DC
Permitted range	20.4 ... 28.8 V DC 20.4 ... 26.4 V AC	19.2 ... 28.8 V DC
Digital inputs*	16 (can also be configured as Monoflop)	4
Analog inputs*	8	–
Analog outputs*	2 (max. 8)	–
Digital outputs*	12	4
Dimensions (W x H x D)	2 MW 36 x 90 x 53 mm	2 MW 36 x 90 x 53 mm

* Mapping to LOGO! inputs/outputs