SIEMENS

Data sheet 6ED1052-2MD08-0BA3



LOGO! 12/24RCEO, logic module, power supply / I/O: 12/24 V DC/relay, 8 DI (4 AI)/4 DO, without display, memory 800 blocks, modularly expandable, Ethernet, integrated web server, data log, user-defined web pages, standard microSD card for LOGO! Soft Comfort V9.0 or higher, older projects executable cloud connection, MQTT in all LOGO! basic units

Display	
with display	No
Installation type/mounting	
Mounting	on DIN rail 25 mm, 4 module spaces wide
Supply voltage	
Rated value (DC)	
● 12 V DC	Yes
● 24 V DC	Yes
permissible range, lower limit (DC)	10.8 V
permissible range, upper limit (DC)	28.8 V
Time of day	
Time switching clocks	
● Number	800; max. 800, function-specific
● Power reserve	480 h
Digital inputs	
Number of digital inputs	8; Of which 4 can be used in analog mode (0 to 10 V)
Digital outputs	
Number of digital outputs	4; Relays
Short-circuit protection	No; external fusing necessary
Output current	
● for signal "1" permissible range for 0 to 55 °C, max.	10 A
Relay outputs	
Switching capacity of contacts	
— with inductive load, max.	3 A
— with resistive load, max.	10 A
EMC	
Emission of radio interference acc. to EN 55 011	
● Limit class B, for use in residential areas	Yes; Radio interference suppression according to EN55011, Limit Value Class B
Standards, approvals, certificates	
Siemens Eco Profile (SEP)	Siemens EcoTech
CE mark	Yes
CSA approval	Yes; covered by UL cert
UL approval	Yes
FM approval	Yes
developed in accordance with IEC 61131	Yes

Subject to change without notice
© Copyright Siemens

according to VDE 0631	Yes
Marine approval	Yes; in preparation
Ecological footprint	
● environmental product declaration	Yes
Global warming potential	
— global warming potential, (total) [CO2 eq]	42.2 kg
— global warming potential, (during production) [CO2 eq]	8.9 kg
— global warming potential, (during operation) [CO2 eq]	33.77 kg
— global warming potential, (after end of life cycle) [CO2 eq]	-0.43 kg
Ambient conditions	
Ambient temperature during operation	
● min.	-20 °C; No condensation
● max.	55 °C
Ambient temperature during storage/transportation	
● min.	-40 °C
● max.	70 °C
Altitude during operation relating to sea level	
● Ambient air temperature-barometric pressure-altitude	Tmin ... Tmax at 1 080 hPa ... 795 hPa (-1 000 m ... +2 000 m)
Dimensions	
Width	71.5 mm; 4 modular widths (MW)
Height	90 mm
Depth	58 mm

Classifications

	Version	Classification
eClass	16	27-24-22-16
eClass	14	27-24-22-16
eClass	12	27-24-22-16
eClass	9.1	27-24-22-16
eClass	9	27-24-22-16
eClass	8	27-24-22-16
eClass	7.1	27-24-22-16
eClass	6	27-24-22-16
ETIM	10	EC001417
ETIM	9	EC001417
ETIM	8	EC001417
ETIM	7	EC001417

Approvals / Certificates

General Product Approval

Manufacturer Declaration

Manufacturer Declaration

General Product Approval	EMV	For use in hazardous locations
		FM

For use in hazardous locations	Environment

Subject to change without notice
© Copyright Siemens

CCC-Ex

last modified:	7/3/2026

Subject to change without notice
© Copyright Siemens