SIEMENS

Data sheet 6ED1052-2HB08-0BA3



LOGO! 24RCEO (AC), logic module, power supply / I/O: DC 24 V DC/24 V AC/relay, 8 DI/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 35 mm DIN rail, 4 spacing units wide
Supply voltage	
Rated value (DC)	
● 24 V DC	Yes
permissible range, lower limit (DC)	20.4 V
permissible range, upper limit (DC)	28.8 V
Rated value (AC)	
● 24 V AC	Yes
Line frequency	
● permissible range, lower limit	47 Hz
● permissible range, upper limit	63 Hz
Time of day	
Time switching clocks	
● Number	800; max. 800, function-specific
● Power reserve	480 h
Digital inputs	
Number of digital inputs	8
Digital outputs	
Number of digital outputs	4; Relays
Short-circuit protection	No; external fusing necessary
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

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FM approval	Yes
developed in accordance with IEC 61131	Yes
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

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