SIEMENS

Data sheet 6ED1052-2FB08-0BA3



LOGO! 230RCEo, logic module, power supply / I/O: 115 V/230 V/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! 9.0 basic unit

Display	
with display	No
Installation type/mounting	
Mounting	on 35 mm DIN rail, 4 spacing units wide
Supply voltage	
Rated value (DC)	
● 115 V DC	Yes
● 230 V DC	Yes; 240 V DC
permissible range, lower limit (DC)	100 V
permissible range, upper limit (DC)	253 V
Rated value (AC)	
● 115 V AC	Yes
● 230 V AC	Yes; 240 V AC
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

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CSA approval	Yes; covered by UL cert
UL approval	Yes
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]	87.1 kg
— global warming potential, (during production) [CO2 eq]	10.9 kg
— global warming potential, (during operation) [CO2 eq]	76.87 kg
— global warming potential, (after end of life cycle) [CO2 eq]	-0.65 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

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For use in hazard-ous locations	Environment
CCC-Ex	

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