Data sheet



Figure similar

SIPLUS LOGO! 230RCE -20 ... +70 °C Start up -20 °C With conformal coating Based on 6ED1052-1FB08-0BA0 . Logic module, display PS/I/O: 115 V/230 V/relay, 8 DI (4 AI)/4 DQ, memory 400 blocks, modularly expandable, Ethernet Integr. web server, data log, user-defined web pages, standard microSD card For LOGO! Soft Comfort V8 or higher, older projects executable

Display	
with display	Yes; The legibility and response time of the display may be reduced or lengthened at temperatures outside 0 +55 °C. These effects are self-reversing on return to the normal temperature range of 0 +55 °C.
Installation type/mounting	

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
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
Line frequency	

Power reserve	• permissible range, lower limit	47 Hz
Time switching clocks Number	• permissible range, upper limit	63 Hz
Time switching clocks Number	Time of day	
Number 400; Max. 400, function-specific Power reserve 480 h Digital inputs Number of digital inputs 8 No external fusing necessary No; external fusing necessary Relay outputs Switching capacity of contacts — with inductive load, max. — with resistive load, max. — with resistive load, max. — with resistive load, max. — limit class B, for use in residential areas Ambient temperature during operation • min. • max. • At cold restart, min. • max. • At cold restart, min. Ambient temperature during storage/transportation • min. • min. • max. • At mobient temperature during storage/transportation • min. • min. • max. • Antient temperature during storage/transportation • min. • min. • min. • max. • Antient temperature during storage/transportation • min. •		
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Number of digital outputs 4; Relays		
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— to biologically active substances according Yes; Class 3B2 mold, fungus and dry rot spores (with the	Resistant to commercially available	
		Yes; Incl. diesel and oil droplets in the air
	coolants and lubricants	Yes; Incl. diesel and oil droplets in the air

 to chemically active substances according to EN 60721-3-3 	Yes; Class 3C4 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); *
 to mechanically active substances according to EN 60721-3-3 	Yes; Class 3S4 incl. sand, dust, *
Use on ships/at sea	
 to biologically active substances according to EN 60721-3-6 	Yes; Class 6B2 mold and fungal spores (excluding fauna); Class 6B3 on request
 to chemically active substances according to EN 60721-3-6 	Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); *
 to mechanically active substances according to EN 60721-3-6 	Yes; Class 6S3 incl. sand, dust; *
Usage in industrial process technology	
 Against chemically active substances acc. to EN 60654-4 	Yes; Class 3 (excluding trichlorethylene)
 Environmental conditions for process, measuring and control systems acc. to ANSI/ISA-71.04 	Yes; Level GX group A/B (excluding trichlorethylene; harmful gas concentrations up to the limits of EN 60721-3-3 class 3C4 permissible); level LC3 (salt spray) and level LB3 (oil)
Remark	
 Note regarding classification of environmental conditions acc. to EN 60721, EN 60654-4 and ANSI/ISA-71.04 	* The supplied plug covers must remain in place over the unused interfaces during operation!
Conformal coating	
 Coatings for printed circuit board assemblies acc. to EN 61086 	Yes; Class 2 for high reliability
 Protection against fouling acc. to EN 60664-3 	Yes; Type 1 protection
 Military testing according to MIL-I-46058C, Amendment 7 	Yes; Discoloration of coating possible during service life
 Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies according to IPC-CC-830A 	Yes; Conformal coating, Class A
Dimensions	
Width	71.5 mm
Height	90 mm
Depth	60 mm
last modified:	06/16/2020