

SIPLUS LOGO! TDE -10...+60 °C Startup 0 °C with conformal coating based on 6ED1055-4MH00-0BA1 . Text display, 6-line, 3 background colors 2 Ethernet ports installation accessories, for LOGO! 8

General information

Product type designation	230 RCE
Suitability for use	Can be used with LOGO! 8 and higher

Display

Design of display	FSTN
Line display	
<ul style="list-style-type: none"> • Number of lines 	6
<ul style="list-style-type: none"> • Number of characters per line 	24
Backlighting	
<ul style="list-style-type: none"> • Type of backlighting 	LED

Control elements

Keyboard fonts	
<ul style="list-style-type: none"> • System keys 	Yes
<ul style="list-style-type: none"> <ul style="list-style-type: none"> — Number of configurable system keys 	0
<ul style="list-style-type: none"> • alphanumeric keyboard 	No

Installation type/mounting

Wall mounting/direct mounting	No
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Supply voltage

Type of supply voltage	AC/DC
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Input current

Current consumption, max.	40 mA
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Interrupts/diagnostics/status information

Diagnostic functions	No
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Degree and class of protection

IP (at the front)	IP65
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Standards, approvals, certificates

CE mark	Yes
Marine approval	
<ul style="list-style-type: none"> • American Bureau of Shipping (ABS) 	Yes

Ambient conditions

Ambient temperature during operation	
• min.	-20 °C; = Tmin; Startup @ -20 °C
• max.	70 °C; Tmax; Tmax > +55 °C max. load 1 A per relay
• At cold restart, min.	0 °C
Ambient temperature during storage/transportation	
• min.	-40 °C
• max.	70 °C
Altitude during operation relating to sea level	
• Installation altitude above sea level, max.	3 000 m
• Ambient air temperature-barometric pressure-altitude	Tmin ... Tmax at 1 140 hPa ... 795 hPa (-1 000 m ... +2 000 m) // Tmin ... Tmax -5K) at 795 hPa ... 701 hPa (+2 000 m ... +3 000 m)
Relative humidity	
• With condensation, tested in accordance with IEC 60068-2-38, max.	100 %; RH incl. condensation / frost (no commissioning in bedewed state), horizontal installation
Resistance	
Coolants and lubricants	
— Resistant to commercially available coolants and lubricants	Yes; Incl. diesel and oil droplets in the air
Use in stationary industrial systems	
— to biologically active substances according to EN 60721-3-3	Yes; Class 3B2 mold, fungus and dry rot spores (with the exception of fauna); Class 3B3 on request
— 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; *
from supply voltage 1L+	
— Note regarding classification of environmental conditions acc. to EN 60721	* The supplied plug covers must remain in place over the unused interfaces during operation!
Accessories	
belongs to product	LOGO!
Mechanics/material	
Design of housing	plastic
Dimensions	
Width	71.5 mm
Height	90 mm

Depth	60 mm
Overall depth	38.7 mm
Weights	
Weight, approx.	220 g
Scope of supply	
Delivery quantity in pieces	1
last modified:	05/19/2018