SILD867170 Celduc 35A 150-510VAC Solid State Relay Datasheet

SKU: 1031244920233

Category: Relays & Contactors

Price: **$300.00**

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Product Description

The Celduc SILD867170 116.1 mm x 22.5 mm x 80.0 mm solid state relay delivers a 35 A nominal output current and a 150 to 510 VAC switching voltage. This single-phase SPST-NO contactor utilizes a zero-crossing semiconductor switching mechanism and incorporates an integrated heatsink for passive thermal management. The hardware interfaces via heavy-duty screw terminals and mounts directly to standard DIN rails or chassis structures. Internal circuitry includes a voltage dependent resistor (VDR) for transient overvoltage protection, sustaining a 1200 V peak voltage and a 5000 A^2s I^2t rating. Diagnostic LED indicators provide real-time status monitoring across an operational temperature range of -40 to 100 °C.

SILD867170 Specifications
Model Number: SILD867170
Brand: Celduc
Series: SILD / Celpac
Product Category: Solid State Relay
Phase: 1 Phase
Contact Form: SPST-NO (1 Form A)
Switching Mode: Zero Crossing
Nominal Output Current (AC-51): 35 A
Motor Control Current (AC-53): 12 A
Switched Output Voltage: 150 to 510 VAC

Control Input Voltage: 3.5 to 32 VDC
Peak Voltage: 1200 V
I^2t Rating: 5000 A^2s
Mounting Style: DIN Rail / Chassis Mount
Termination Style: Screw Terminal
Operating Temperature: -40 to 100 °C
Length: 116.1 mm
Width: 22.5 mm
Height: 80.0 mm
Weight: 0.75 lbs
Protection Features: Integrated VDR, Diagnostic LED
Thermal Management: Integrated Heatsink

SILD867170 Applications
Primary applications include integration into plastic injection molding heater bands, commercial HVAC control panels, and automated conveyor motor drives. Deployed within airport runway lighting distribution systems, industrial drying furnaces, and thermoforming machinery to execute high-frequency electrical switching.

Supplemental Images


Démontage
Dismounting
取り外し
sans outil
without tool
Ohne Werkzeug
工具の必要なし
ISO 9001
Rue Ampère B.P. 4
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