

SITOP
Meldemodul
Signaling contact module

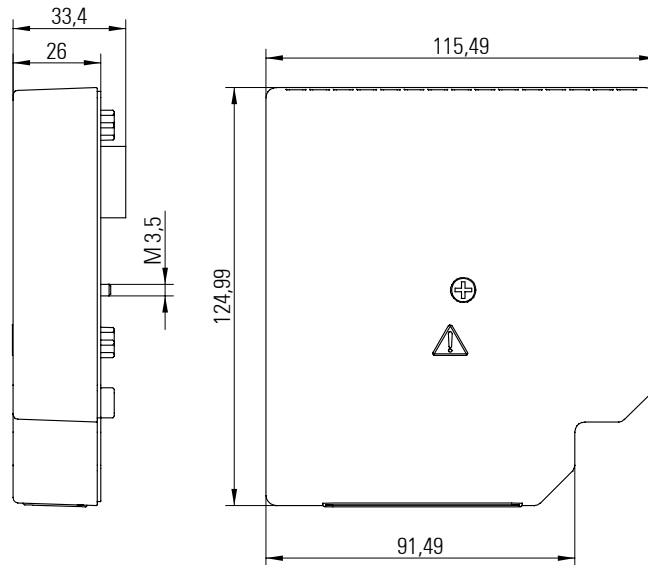
6EP1961-3BA10

Betriebsanleitung
Operating instructions
Instructions
Istruzioni di servizio
Instrucciones

Best. Nr.: C98130-A7540-A1-2-6419

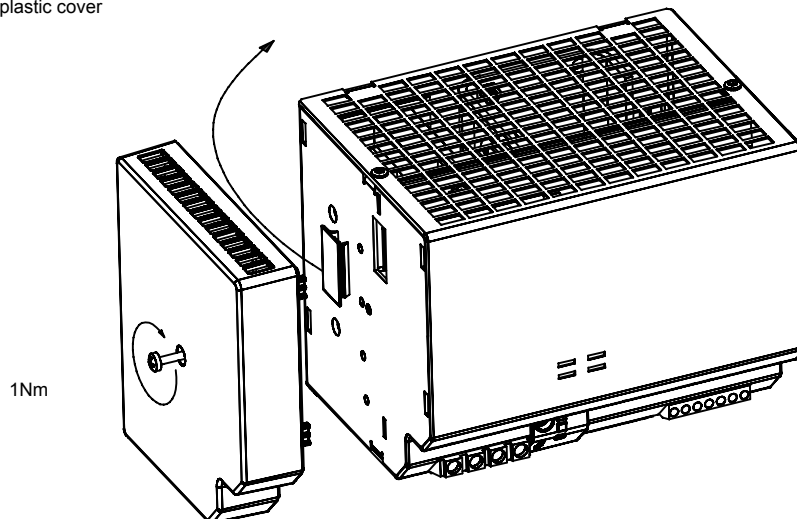


Maßbild
Dimension drawings
Encombremet
Disegno quotato
Croquis acotado



Montage
Mounting
Encliquetage
Montaggio
Montaje

Kunststoffabdeckung entfernen
Remove plastic cover



Hinweis

Diese Betriebsanleitung enthält aus Gründen der Übersichtlichkeit nicht sämtliche Detailinformationen zu allen Typen des Produkts und kann auch nicht jeden denkbaren Fall der Aufstellung, des Betriebes oder der Instandhaltung berücksichtigen. Weiterführende Hinweise erhalten Sie über die örtliche Siemens-Niederlassung bzw. über die Homepage <http://www.siemens.de/sitop>. Technische Änderungen jederzeit vorbehalten. In Zweifelsfällen gilt der deutsche Text.

Note

These instructions cannot claim to cover all details of possible equipment variations, nor in particular can they provide for every possible example of installation, operation or maintenance. Further information is obtainable from your local Siemens office or see homepage <http://www.siemens.de/sitop>. Subject to change without prior notice. The German text applies in cases of doubt.

Note

Pour des raisons de clarté, cette notice ne contient pas toutes les informations de détail relatives à tous les types du produit et ne peut pas non plus tenir compte de tous les cas d'installation, d'exploitation et de maintenance imaginables. Pour de plus amples informations, veuillez-vous adresser à votre agence Siemens ou consultez notre site <http://www.siemens.de/sitop>. Sous réserve de modifications techniques. En cas de divergences, le texte allemand fait foi.

Nota

Ai fini della chiarezza le presenti istruzioni di servizio non contengono tutte le informazioni dettagliate su tutti i tipi del prodotto e non possono nemmeno trattare tutti i casi di installazione, di esercizio o di manutenzione. Per ulteriori informazioni rivolgersi alla filiale Siemens di zona o consultare la homepage <http://www.siemens.de/sitop>. Ci riserviamo eventuali modifiche tecniche. In caso di incertezza è valido il testo tedesco.

Nota

Por razones de claridad, estas instrucciones no contienen todas las informaciones detalladas relativas a todos los tipos del producto ni pueden considerar todos los casos de instalación, de operación y de mantenimiento imaginables. Para más información, contacte con la sucursal local de Siemens o visite la Web <http://www.siemens.de/sitop>. Sujeto a cambios técnicos sin previo aviso. En caso de duda, prevalece el texto alemán.

**WARNING**

Hazardous voltages are present in certain parts of this electrical equipment during operation. Incorrect handling of the equipment can result in death, severe personal injury or substantial property damage. Only qualified personnel are allowed to work on or around this equipment. The successful and safe operation of this equipment is dependent on proper transport, storage and installation.

Before installation or maintenance work is carried out, the mains switch must be switched off and locked to prevent it from being switched on again. If these rules are not adhered to, contact with live parts or improper use can result in death or severe personal injury.

**CAUTION**

The device may only be opened by qualified personnel. **Electrostatically sensitive devices (ESD)**

Description

The optional signaling contact module is a built-in device belonging to the SITOP series.

It must be installed taking into account all relevant DIN/VDE specifications and other national standards.

It is used in combination with a stabilized 24 V load power supply unit SITOP5 (6EP1333-3BA00), 10A (6EP1334-3BA00), 20A (6EP1436-3BA00) or 40A (6EP1437-3BA00) or with a load power supply unit 48V 20A (6EP1457-3BA00) to generate signals relating to the power supply operating status by means of floating relay contacts as well as to switch the remote ON/OFF power supply.

Technical data**Inputs/outputs**

Remote ON/OFF (contacts 1-2):
non-isolated input

DC voltage OK (contacts 4-5-6):
floating relay contacts,
contact rating: 6A/240V~

Ready (contacts 8-9-10):
floating relay contacts,
contact rating: 6A/240V~

For technical principle see
terminal assignment

Ambient

Temperature

Storage and transport: -25 to +85°C

Operation: 0 to +60°C

Humidity rating corresponds to climatic category 3K3
acc. to EN60721 Part 3, no condensation

Natural air cooling

Weight

0.15 kg

Specifications

Degree of protection: IP20 acc. to IEC 529

Safety class 1

Safety acc. to VDE 0160 and VDE 0805
(EN 60950): SELV

Emitted interference acc. to EN50081-1
Radio interference suppression acc. to EN
55022,

limit curve B

Noise immunity acc. to EN 61000-6-2

UL/cUL (UL 508, CSA 22.2) FILE E197259

Installation instructions

The signaling module is plugged onto the left-hand side of the SITOP load power supply unit (see installation diagram on page 2) and contacted automatically. The cover over the integrated interface on the basic power supply unit must be removed before the signaling module is plugged on. Once the module has been attached, it can be secured in the correct position by means of a screw. The connector can be removed and prewired. The optional module must not be plugged in or removed while the load supply unit is operating!

Terminal assignment

Screw terminals 0.14...2.5 mm²; use a screwdriver with a 3.5 mm wide blade. Recommended tightening torque: 1.2 Nm.

Terminal	Designation	Function
1 2	Remote ON/OFF	Non-isolated input for switching the power supply ON/OFF remotely. Principle: If contacts 1 - 2 are short-circuited ($R < 8 \text{ k}\Omega$), the basic unit is switched off remotely ($U_a < 1 \text{ V}$). If the power supply has been switched off and latched in 'latching OFF' mode as a result of a short-circuit on the secondary side, it can be restarted by means of a remote OFF lasting at least 500 ms, followed by a remote ON.
3	Not connected	This contact is presently not assigned
4 5 6	OK DC voltage	Floating changeover contact for "DC voltage OK". Principle: Contact pair 5 - 4 is closed and contact pair 5 - 6 opened as soon as the voltage at the output terminals of the power supply exceeds 20 V in the case of 24 V power supplies or exceeds 42 V in the case of 48 V power supplies (also back-e.m.f. if a power supply is connected in parallel or if there is an optional buffer module!). If the voltage at the output terminals is $< 20 \text{ V}$ or $< 42 \text{ V}$, contact pair 5 - 4 is opened and contact pair 5 - 6 closed (position of rest).
7	Not connected	This contact is presently not assigned
8 9 10	OK Operation	Floating changeover contact for "ready". Principle: Contact pair 9 - 8 is closed and contact pair 9 - 10 opened when the power supply is ready (this also applies if the device has been switched OFF remotely!). If the power supply is not ready e.g. because the device is defective or the fuse protection on the primary side has been tripped or there is no line voltage (but not in the case of a phase failure!), contact pair 9 - 8 is opened and contact pair 9 - 10 closed (position of rest). Note: Delay time for a signal transition from "ready" to "not ready": 50 ms