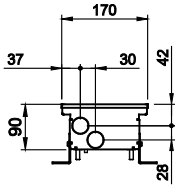


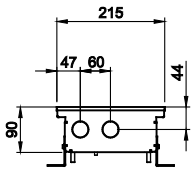
## Zehnder Terraline

DE Montageanleitung  
 ES Instrucciones de montaje  
 FR Instructions de montage  
 GB Assembly Instructions

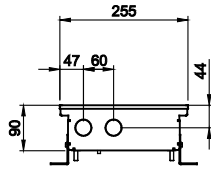
IT Istruzione di montaggio  
 NL Montagehandleiding  
 PL Instrukcja montażu  
 TR Montaj talimatları



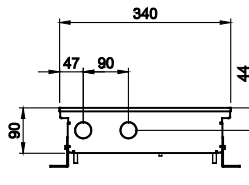
UN-09-17



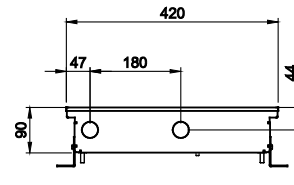
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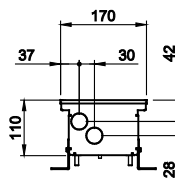
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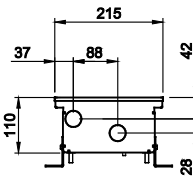
UN-09-34



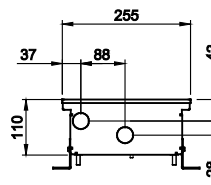
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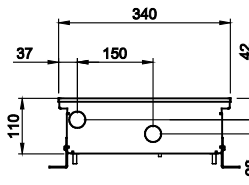
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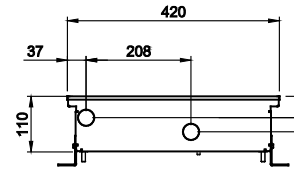
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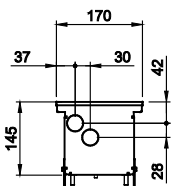
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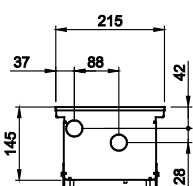
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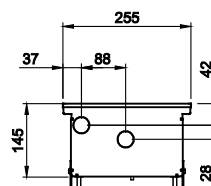
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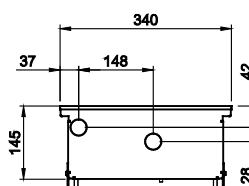
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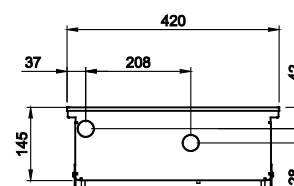
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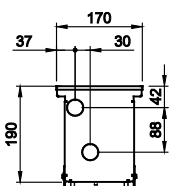
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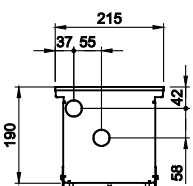
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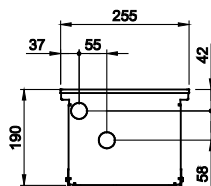
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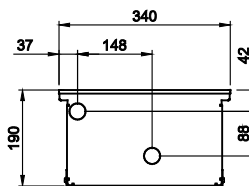
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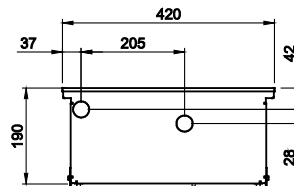
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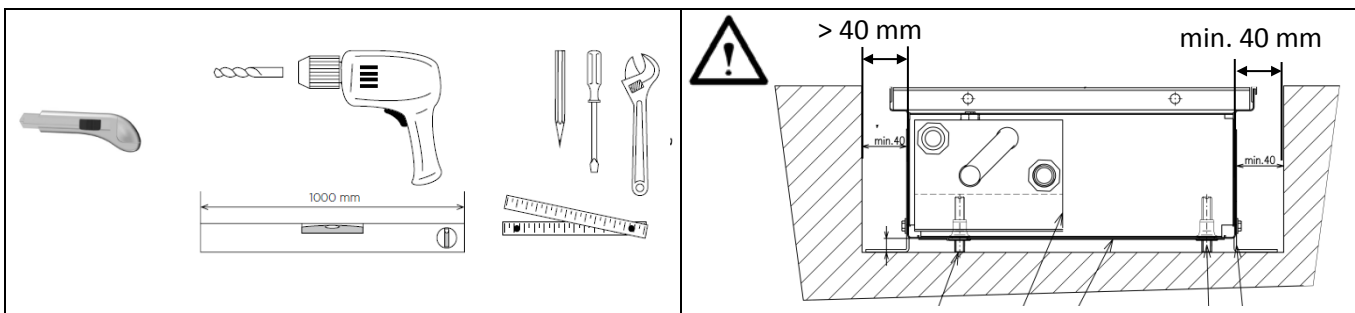
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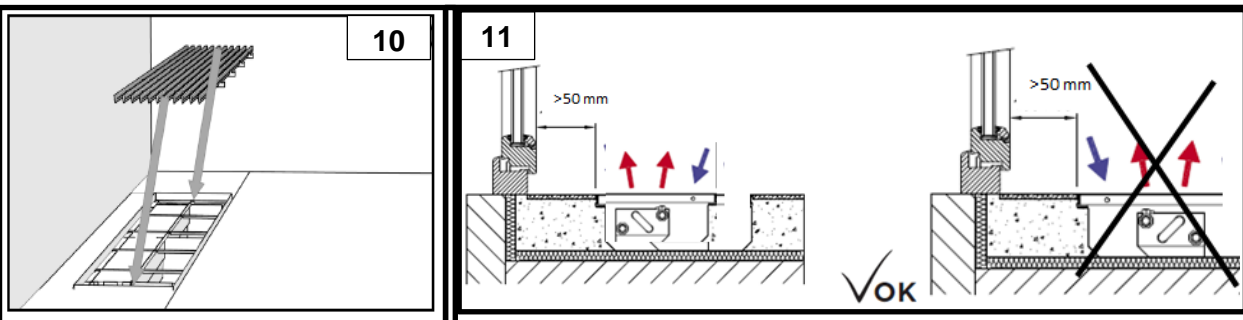
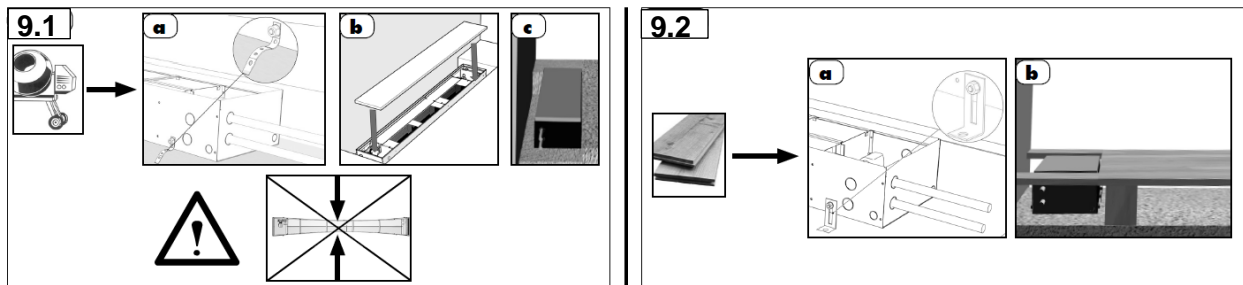
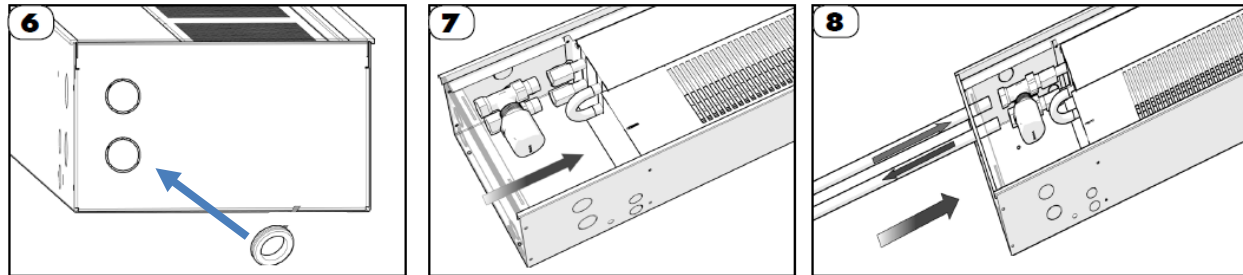
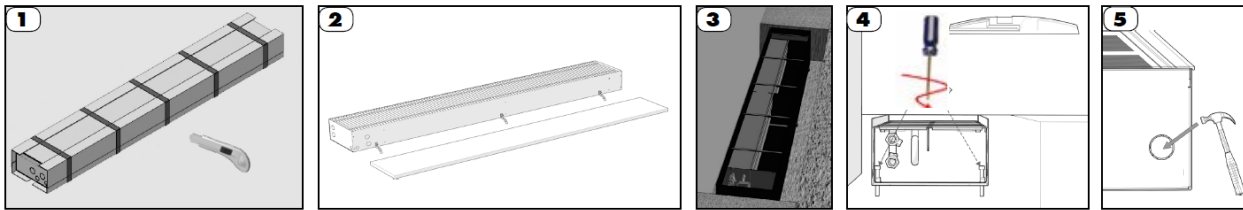


UN-19-34

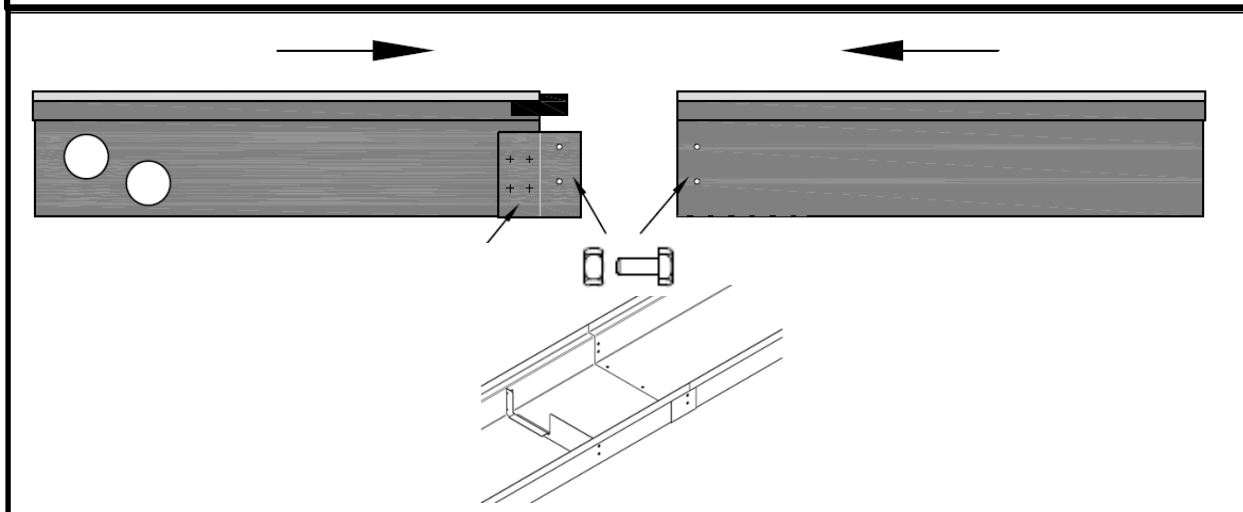


UN-19-42





Reihenschaltung - Montage en serie - Montage en série -  
 Series connection - Montaggio in serie - Serieschakeling - Montaż szeregowy - Sıralı Montaj



### **GB: Case installation into the floor channel**

The floor channel must be clean and prepared in accordance with construction requirements (humidity insulation and so on). Channel depth = case height + max. 35 mm. Channel width = case width/length + approx. 40 mm of the area for an easy handling at placing of the trench convector. It is necessary to previously prepare the passages for heating system piping installation and electric wiring and possibly for other items necessary for the regulation equipment operation (it is recommended to install flexible pipes with the relevant diameters during the construction works – minimal  $\varnothing 20$  mm).

#### **Warning:**

The case is not self-supporting and the assembly adjusting screw are not self-supporting items. The case bottom must rest on a horizontal self-supporting construction.

Case heat insulation will result in a slight increase of the total heat performance of the convector body (limited heat transfer into the floor construction). When considering the insulation category it is necessary to especially consider the requirements for pressure rigidity and volume absorbing power.

#### **Installation notes**

- Remove the packaging.
- Remove the grille and installation cover (wood) from the frame.
- Position the trench convector with the heat emitter against the window.
- Position and adjust the height of the convector using the adjusting screws.
- Convector upper edges should be the same or below than final level of floor.
- Install the L-bracket to the casing and the sub floor. Screws for sub floor installation on site.
- Remove the pre-punched holes for pipework and install the supplied grommets.
- Connect the heat emitter to the flow and return. Emitter is secured with screw nuts for transportation. Remove screws for easier installation of tube fittings for valves. **Make sure that the heat emitter and fins are not damaged during piping!**
- When using an electrical actuator, lay empty pipe or connector cable.
- After aligning the casing and installing the connections, insert installation cover (wood) into the frame or provide other protection against dirt.
- Cover the case with the installation cover (wood) and carefully seal all openings (this is to prevent the installed trench convector parts against dust impacts, wooden installation cover is spacer during concrete work too).
- **Concrete work:** Embed trench convector in **concrete**. If **slurry** material is used (for example **self-leveling anhydride**) it is needed to **tighten** convector. That's mean to obturate all holes and slots to **preclude intrusion** of slurry into the convector, protect inner parts before damage. **Convectors are not designed as waterproof**. There are **not exercisable guarantee** to floor convector damaged by intrusion of slurry. On a regular basis there is left empty space for the convector during floor concreting and filling is made after installation and knowing of final level of floor.

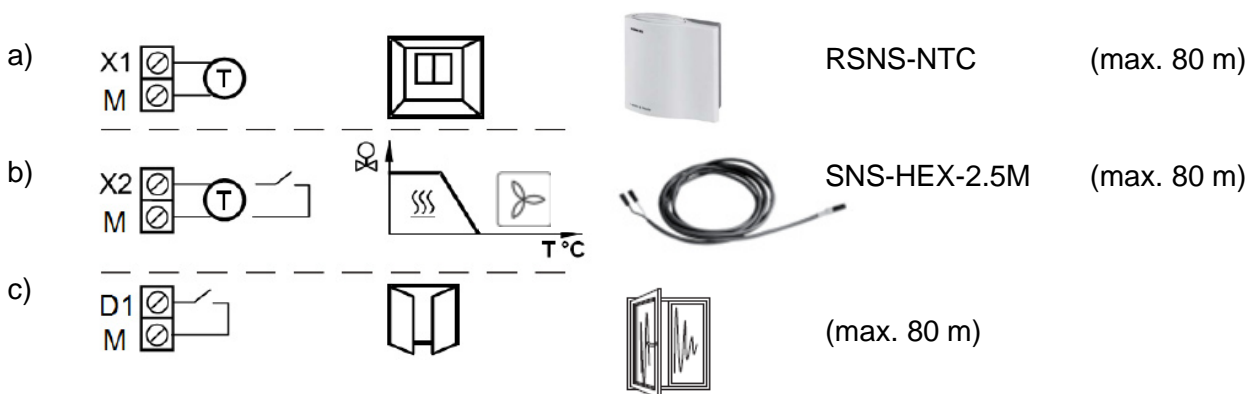
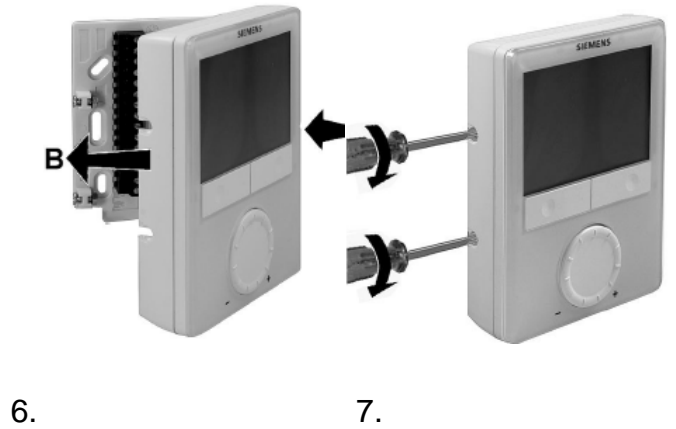
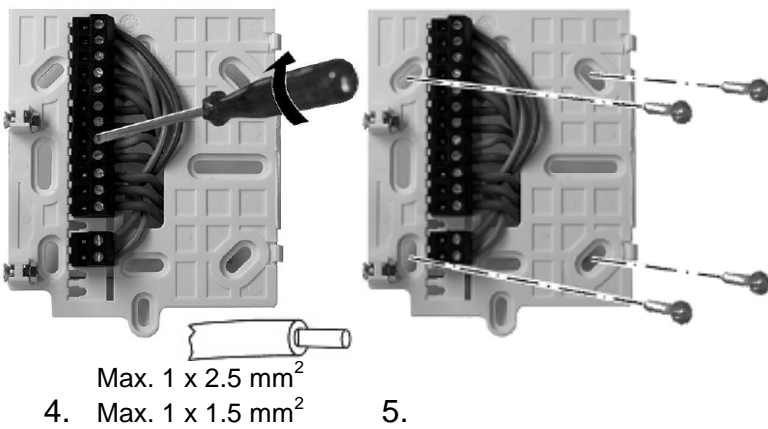
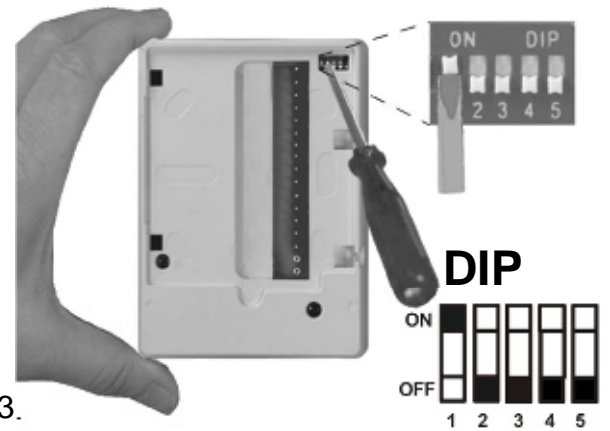
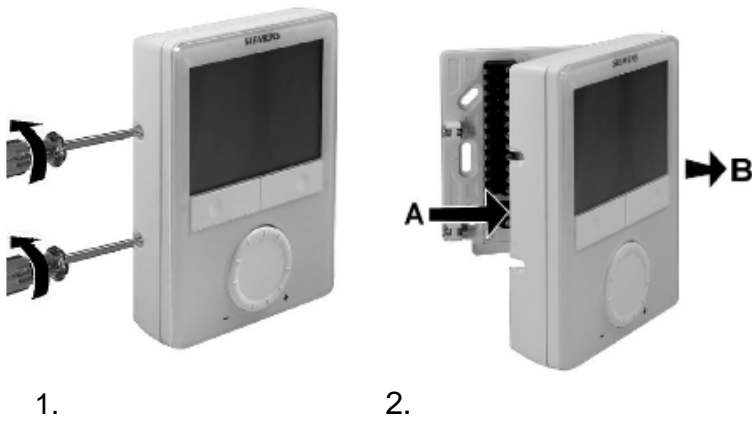
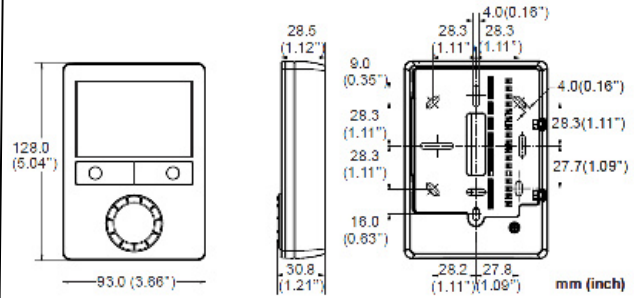
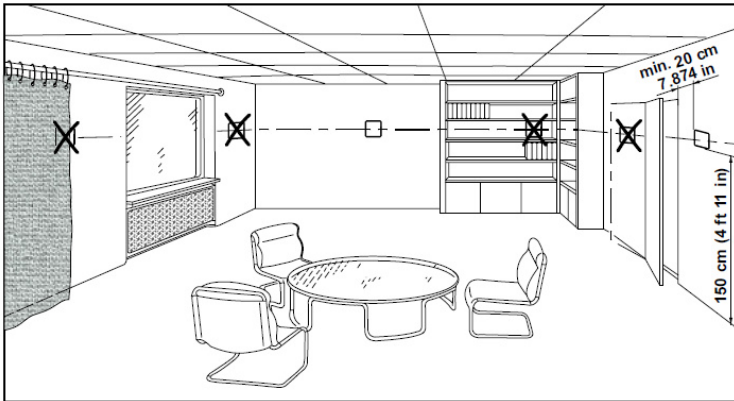
#### **General notes**

- For installation in screed use edge insulation strips (expansion joint), casing can be pressed together through the screed, insert installation cover (wood) or take alternative precautions.
- Caution with hot screed! Protect trench heater and electrical components from heat, max. temperature 110°C.
- For installation in cavity floors (raised floors) provide hard-wearing substrate, use L-brackets on both sides to prevent any slippage of the trench heater. Pay attention to expansion joint! After completion of the finished floor, remove the installation cover (wood) and lay the grille in the frame.

# Zehnder Terraline Neo

## CU-24VDC-LCD (Siemens RDG160T)

**zehnder**



# Zehnder Terraline Neo

**zehnder**

## CU-24VDC-LCD (Siemens RDG160T)

DE	Es ist notwendig, die nachfolgende Parametrierung vor dem ersten Betrieb vorzunehmen, um die korrekte Funktion des Thermostats sicher zu stellen.
CZ	Před prvním uvedením do provozu je nezbytné provést přednastavení pro zajištění správné funkce.
ES	Es necesario de hacer los ajustes de los parámetros siguientes antes de la primera operación para garantizar el correcto funcionamiento del termostato.
FR	Il est impératif de faire le pré réglage suivant avant le démarrage de la mise en route du bon fonctionnement du thermostat.
GB	It is necessary to do the following pre-setting before first start-up to secure the correct function.
IT	È necessario di eseguire le seguenti impostazioni dei parametri come di seguito prima della prima operazione per garantire il corretto funzionamento del termostato.
NL	Het is noodzakelijk om de pre-setting in volgorde uit te voeren voor de eerste ingebruikname, om verzekerd te zijn van een goede werking van de thermostaat.
PL	Aby zachować właściwe działanie termostatu, ważne jest, żeby wskazane poniżej ustawienia wstępne, zostały wprowadzone przed pierwszym uruchomieniem.
RU	Перед первым вводом в эксплуатацию необходимо провести первичную установку для обеспечения правильного функционирования
TR	İlk devreye alınmadan önce, doğru programları elde etmek için aşağıdaki ön ayarların yapılması gereklidir.

# Zehnder Terraline Neo

CU-24VDC-LCD (Siemens RDG160T)

## P01, P38, P72 :

<p>2.1. 6 s</p>	<p>2.2. &gt; 1 s</p>	<p>2.3. &gt; 6 s</p>	<p>2.4. &gt;180</p>	<p>2.5.</p>
<p>2.6.</p>	<p>2.7</p>	<p>2.8.</p>	<p>2.9</p>	<p>2.10.</p>

<p><b>2.5.</b></p> <p><b>P01 = 0</b></p>			
<p><b>P38 = 0</b></p> <p><del>RSNS-NTC</del></p>	<p><b>P38 = 1</b></p> <p>RSNS-NTC <b>OK</b></p>		
<p><b>P72 = 0</b></p> <p><del>ACT-24V</del></p>	<p><b>P72 = 2</b></p> <p>ACT-24VDC <b>OK</b></p>		

### Options:

P01 – P74 >> SIEMENS MANUAL, [www.siemens.com](http://www.siemens.com)

