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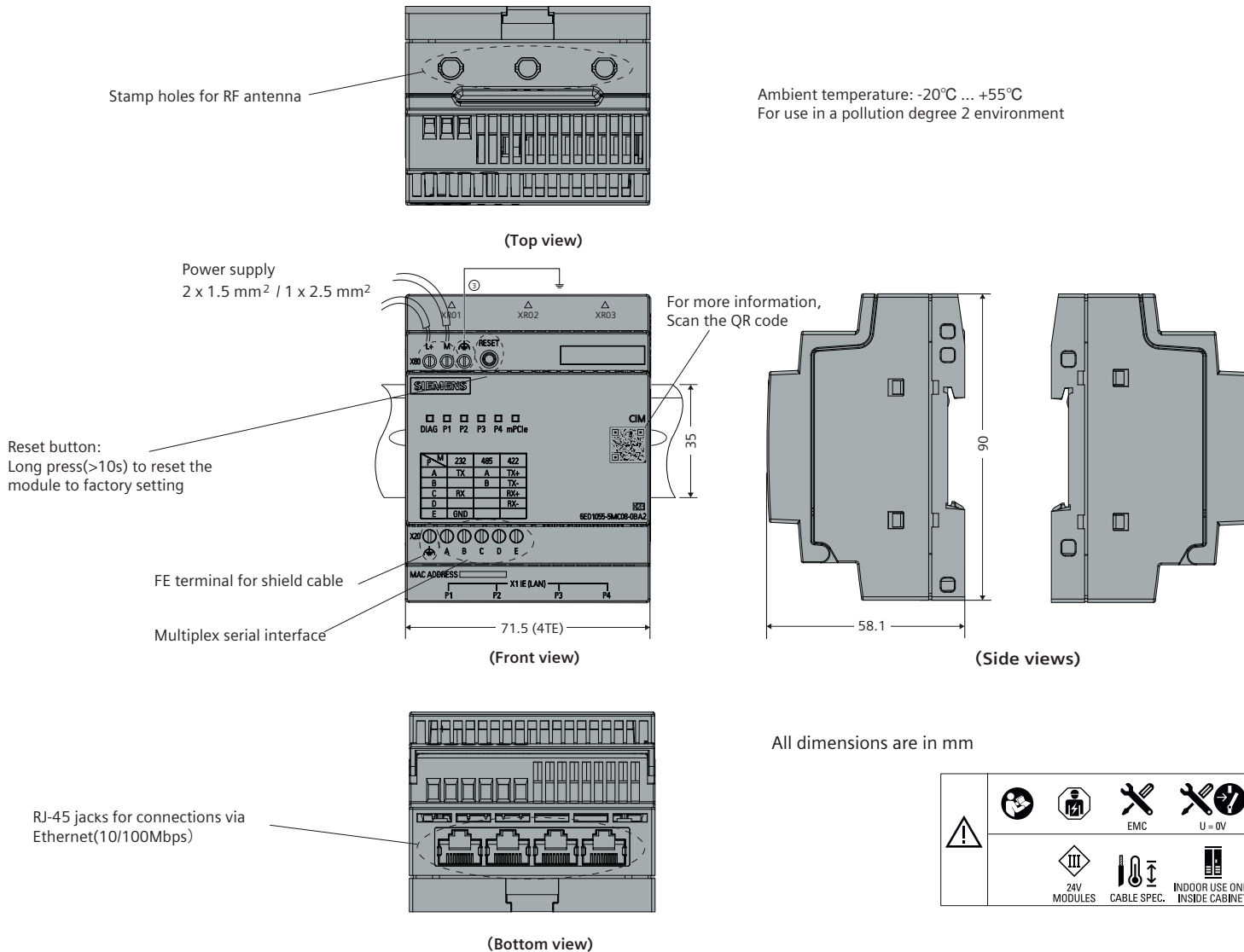
1. Connect the device to the power supply.
2. Connect your computer via an Ethernet cable to the device's network port(RJ45 connector), either directly or via a network switch.
3. Open a web browser on your computer and enter the following address into the URL field: <https://192.168.0.80>;or use the corresponding IP address if you have changed it.
4. Choose the language you prefer, and click on Readme OSS link.

License term will be displayed.

For Resellers: In order to avoid infringements of the license conditions by the reseller or the buyer, these instructions and license conditions have to be forwarded to the buyers.

1 Basic instruction

1.1 Overview



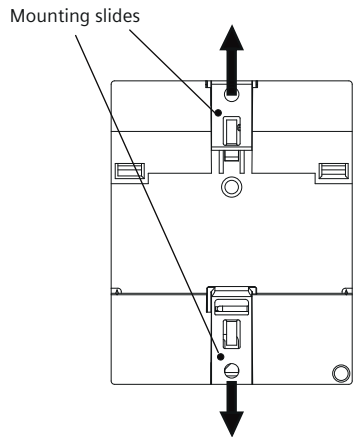
Status indicator

LED	Status	Status indication
DIAG	On	RUN mode
	On	CIM is booting or waiting for firmware update.
	Flash	CIM is updating firmware.
	On	Firmware is crashed.
	Red flashing	CIM is powered by capacitance.
P1	Flash	Port is receiving or sending data across Ethernet.
P2	On	Port is already connected to Ethernet.
P3	Off	No connection to Ethernet.
P4	Off	No connection to Ethernet.
mPCle	Flash	The cellular module is receiving or sending data.
	On	The cellular module has initialized and registered successfully.
	Flash	The cellular module is initializing or registering.
	Off	Cellular module is not detected.

Use of CIM in hazardous locations

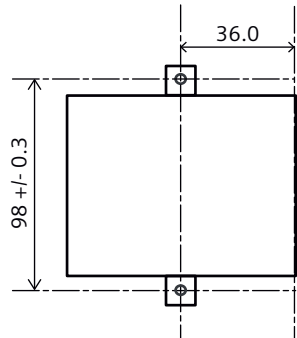
Module	Can be used in hazardous locations
CIM	CL.I, Di v. 2, G.P. A, B, C, D T4 CL.I, Zone 2, G P.IIC, T4

1.2 Mounting notifications



Mounting slides are shifted at the back side of the device before a wall mounting. Shift both outside.

Hole pattern for wall mounting



All dimensions in mm

2 Warning and notice

Hinweis:
Dieses Gerät ist für den Einsatz in Industrie- und Wohnumgebungen geeignet, und es ist als elektromagnetisch verträglich registriert.

Note:
This equipment is for industrial and residential use, and has acquired the electromagnetic conformity registration.

Remarque:
Cet équipement est destiné à un usage industriel et domestique et a reçu un certificat de conformité électromagnétique.

Nota:
Este equipo está diseñado para el uso industrial y residencial y dispone de la marca de conformidad electromagnética.

Nota:
Questa apparecchiatura è classificata per l'uso domestico e industriale ed è conforme alle direttive sulla compatibilità elettromagnetica.

Not:
Bu ekipman endüstriyel ve ev kullanımı içindir ve elektromanyetik uyumluluk kaydına sahiptir.

Opmerking:
Deze apparatuur is voor industrieel en huishoudelijk gebruik en voldoet aan de eisen van elektromagnetische compatibiliteit.

Примечание:
Данное оборудование предназначено для применения в промышленных и жилых зонах и прошло регистрацию в соответствии с требованиями стандартов электромагнитной совместимости.

说明：
本设备设计为工业使用和民用，并已取得电磁一致性认证。

注記：
本設備は産業および住宅用途向けであり、電磁適合性について登録済みです。

주：
본 장비는 산업용 및 주거용이며, 전자기 적합성 등록을 획득하였습니다.

Warnung:
Explosionsgefahr – Die Geräte erst trennen, wenn die Stromversorgung unterbrochen wurde, bzw. sicher ist, dass der Einsatzbereich frei von entzündlichen Konzentrationen ist.

Warning:
Explosion hazard – Do not disconnect equipment while the circuit is live or unless the area is free of ignitable concentrations.

Attention:
Risque d’explosion – Ne pas débrancher pendant que le circuit est sous tension ou à moins que l’emplacement ne soit exempt de concentrations inflammables.

Advertencia:
Peligro de explosión – No desconectar los aparatos a menos que se haya desconectado la alimentación eléctrica o que el área pueda considerarse no peligrosa.

Avviso:
Pericolo di esplosione – Scollegare le apparecchiature solo dopo aver disinserto l’alimentazione ed essersi accertati di operare in un luogo privo di concentrazioni infiammabili.

Uyarı:
Patlama tehlikesi – Cihazı devrede akım varken veya kullanım alanında yanıcı konsantrasyonlar olduğu biliniyorsa ayırmayın.

Waarschuwing:
Ontploingsgevaar – Koppel apparatuur niet los, terwijl er spanning op staat of alleen wanneer u zeker weet dat het gebied vrij is van ontvlambare concentraties.

Внимание:
Взрывоопасно – Не отсоединяйте оборудование, не убедившись, что электропитание отключено или на участке отсутствует концентрация воспламеняющихся веществ.

警告：
爆炸危险 – 当电路处于通电状态或未确知产品处于非易燃区域内时，请勿断开设备连接。

警告:
爆発の危険 – 回路が動作している場合、または引火性雰囲気のある場所であることがわかっている場合は、本機器の電源の接続を切断しないでください。

경고:
폭발 위험 – 회로가 동작 중이거나 주변에 인화성 물질이 없다고 확인되지 않은 경우 장비를 분리하지 마십시오.

Warnung:
Explosionsgefahr - Bestandteile erst dann austauschen, wenn die Stromversorgung abgeschaltet wurde bzw. bekannt ist, dass der Einsatzbereich ungefährlich ist.

Warning:
Explosion hazard – Do not replace any component unless power has been switched off or the area is know to be non-hazardous.

Attention:
Danger d’explosion – Ne procédez au remplacement de composants qu’une fois l’alimentation en courant coupée ou si la zone d’implantation de l’appareil n’est pas une zone dangereuse.

Advertencia:
Peligro de explosión – No sustituir ningún componente, a menos que se haya desconectado la alimentación eléctrica o que el área pueda considerarse no peligrosa.

Avviso:
Pericolo di esplosione – Sostituire i componenti solo dopo aver disinserto l’alimentazione o essersi accertati di operare in un luogo sicuro.

Uyarı:
Patlama tehlikesi – Parçaları ancak akım beslemesi kesilmişse veya kullanım yerinin tehlike altında olmadığı biliniyorsa değiştirin.

Waarschuwing:
Explosiegevaar - Bestanddelen pas dan vervangen, wanneer de stroomvoorziening werd uitgeschakeld resp. bekend is dat de zone ongevaarlijk is.

Внимание:
Взрывоопасно - заменять составные части только после отключения электропитания или если известно, что область применения не представляет опасности.

警告：
爆炸危险 – 除非已将电源断开或者确知产品处于非危险区域，否则请勿进行任何部件的更换。

警告:
爆発の危険- 使用場所が爆発の危険性があるかどうか分からない場合は、電源を遮断せずにコンポーネントの交換・抜き差しを行わないでください。

경고:
폭발 위험 - 전원을 끄지 않았거나 구역에 위험이 없다고 확인되지 않은 경우 구성품을 교체하지 마십시오.

 For further information, please refer to the user manual of CIM.



Electrostatic sensitive devices(ESD)

The device contains electronic components that may be destroyed by electrostatic charges. This can result in malfunctions and damage to the machine or plant. Take corresponding precautionary measures before you open the device.



WARNING

Malfunctions and electric shock

Improper intervention in the device endangers operational reliability and may damage the device, which may cause personal injuries and damage to the plant.

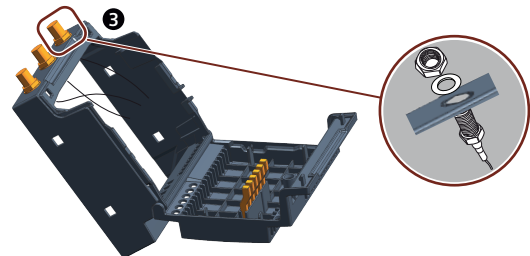
Take the following precautions:

- Always disconnect the power plug and wait until the DIAG LED goes off before you open the device.
- Close the device after every intervention.



1 Press the marked recesses on both left and right sides of the module with a flat-blade screwdriver to loose and then remove the middle housing and top housing.

2 Remove the feeder shelters on the middle housing.

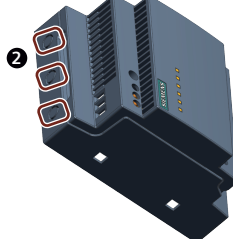


3 Install the SMA connector as the marked order into the hole.

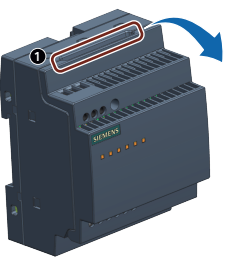
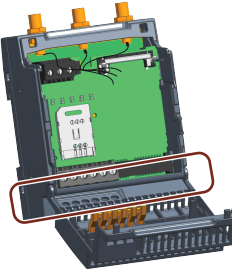
4 Put the middle housing back on the bottom housing.

In case of the damage on the feeder - cables, please arrange the feeder - cables into the gap between PCBAs and then put the middle housing back on the bottom housing.

Uninstall the antenna in the reverse orders.



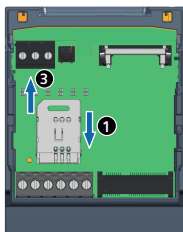
Recommended feeder-cable length: 7 to 8 cm



Before installing or uninstalling the SIM card or the cellular module, you need to open the top housing first.

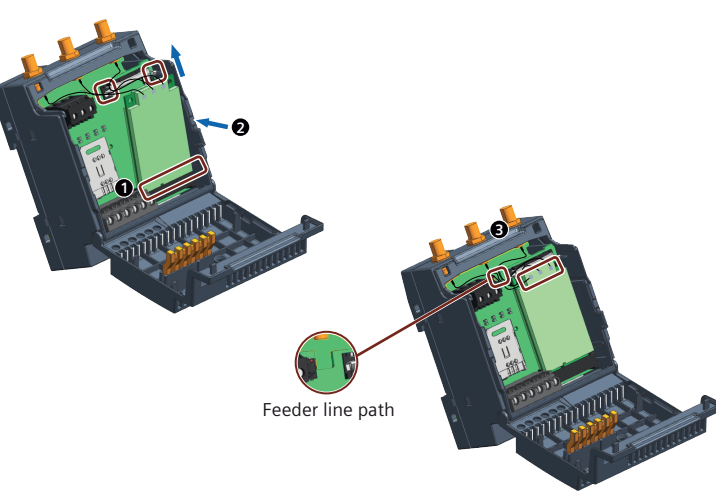
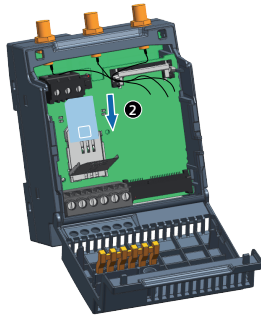
1 Pull the top housing in the marked direction to open the cover.

Close the top housing once finished installing or uninstalling expand devices.



- 1 Unlock the card holder in the marked direction.
- 2 Insert the SIM card and then close the card holder.
- 3 Lock the card holder in the marked direction.

Unlock the card holder to remove the SIM card, and then lock the card holder as the default status.



- 1 Insert the cellular module into the socket from the bottom side.
- 2 Press the cellular module in the marked direction to lock the cellular module.
- 3 Connect the feeder - cables with the corresponding antenna connectors of the cellular module.

Arrange the feeder - cables and make them pass from the feed cables path to prevent interruption.

Unlock the socket to remove the cellular module.

You can configure the CIM by its built - in Web based configuration.

- 1 Connect the Ethernet cables with CIM.
- 2 Power on the module.
- 3 Set the IP address of the PC in the same subnet as the CIM.
- 4 Install certificate to your operating system or browser for CIM.
- 5 Enter https://192.168.0.80 into the web browser for configuration.

