

Contact modules (IOG/IOM)

Set up and expand digital inputs and outputs



The IOG/IOM contact modules for DAKS offer great flexibility in scaling and enable alerting via spatially distributed contacts. The modules can be used to significantly expand the number of inputs and outputs available directly on DAKS-110.

Especially with the virtual vDAKS, a large number of hardware contacts can be connected thanks to the contact modules (in combination with DAKS-Satellite). And even the two hardware platforms DAKS-400 and DAKS-200, which do not have any built-in contact connections with the exception of the special relay contact, are thus enabled to collect a large number of data signals from contacts.

The contact module gateway (IOG) is connected either directly to DAKS via USB (IOG-03A) or to a DAKS satellite via RS485 (IOG-11A). The gateway collects the data from the contact modules (IOMs) connected at the side via bus connection and forwards it to DAKS.

Typical Areas of Use



Gesundheitswesen:
Fluchttüren überwachen



Industrie:
Maschinen überwachen



Öffentlicher Bereich:
Physische Alarmknöpfe anschließen



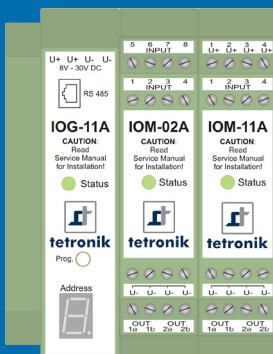
Hotellerie:
Klimaanlagen, Kühlräume überwachen



Gebäudeleittechniksysteme über Zentralsystem überwachen

Flexible scaling, cost-effective project planning

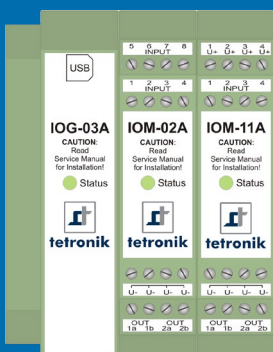
on the DIN rail



Connection options for the contact modules via RS485 (via DAKS-Satellite)

- IOG-11A
 - IOM-02A without short circuit monitoring
 - IOM-11A **with** short circuit monitoring
- up to approx. 8000 contacts possible

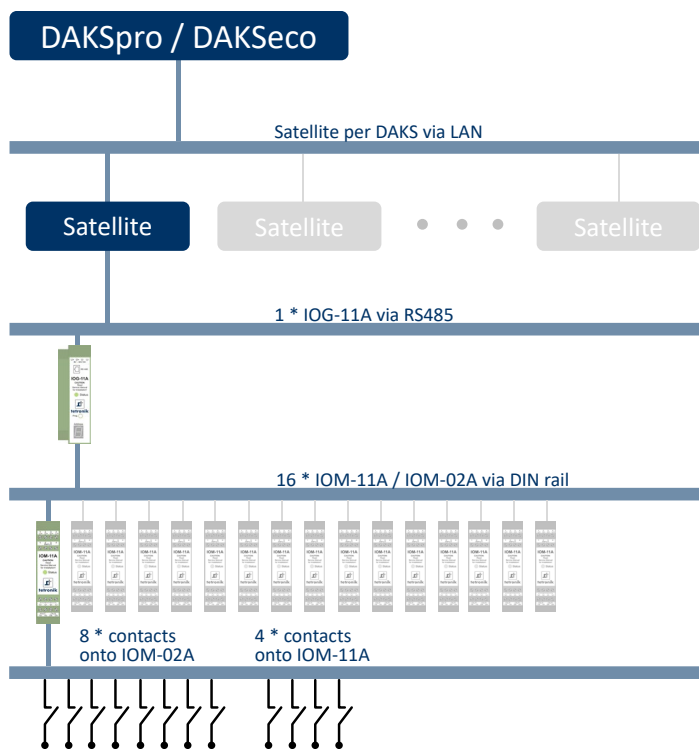
OR



Connection options for the contact modules via USB (directly to the server)

- IOG-03A
 - IOM-02A without short circuit monitoring
 - IOM-11A **with** short circuit monitoring
- up to 64 contacts possible

Connection options



Maximum connection DAKS 200 / 300 / 400

onto DAKSpro
60 * Satellites via LAN

onto DAKSeco
5 * Satellites via LAN

onto Satellite
1 * IOG-11A via RS485

onto IOG-11A
16 * IOM-02A / IOM-11A via DIN rail

onto 1 IOM-02A
8 * contacts
without short circuit monitoring

onto 1 IOM-11A
4 * contacts
with short circuit monitoring

Maximum connection DAKSeco-110

onto DAKSeco-110
1 * IOG-03A via USB; furthermore: directly onto the server
16 * contacts
with short circuit monitoring

onto IOG-03A
8 * IOM-02A / IOM-11A via DIN rail

onto 1 IOM-02A
8 * contacts
without short circuit monitoring

onto 1 IOM-11A
4 * contacts
with short circuit monitoring

Order Information

Licenses:

- TNK:DP3L-IOM – license package for DAKSeco
- TNK:DP9L-IOM – license package for DAKSpro

Hardware:

- TNK:IOG-11A-Kit – RS485 basis module
- TNK:IOG-03A-Kit – USB basis module
- TNK:IOM-11A – contact module
- TNK:IOM-02A – contact module