

Installation Guide

AK-OB55 Modbus TCP/IP

Communication module

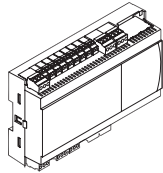


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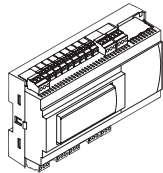


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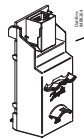
Montage / Assembly / Einbau / Montaje / Сборка / 装置



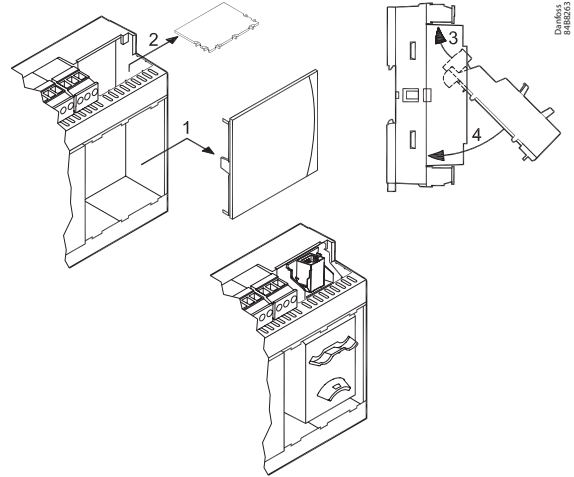
AK-CC55 Single Coil /
AK-CC55 Multi Coil



AK-CC55 Single Coil UI



AK-OB55 Modbus TCP/IP



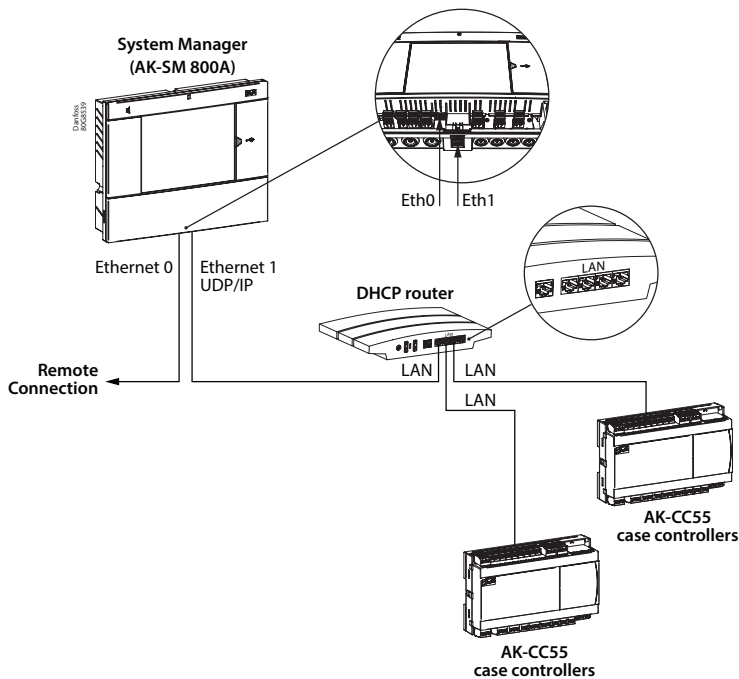
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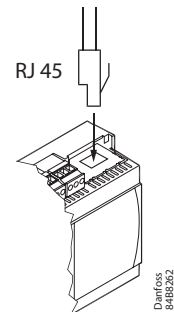
Mounting and removal must always be performed when there is no voltage.
Montage und Demontage sind immer in spannungslosem Zustand vorzunehmen.
Mettre toujours les appareils hors tension pour le montage et le démontage
El montaje y la retirada de módulos deben realizarse siempre cuando no hay tensión aplicada.
Монтаж и снятие должны всегда выполняться на обесточенном оборудовании.
安装和拆除必须在无电压时进行。

Principle / Prinzip / Principe / Principio / Принцип / 原理

The network configuration between the AK-CC 55 controller and the AK-SM 800A System Manager as per below drawing. Modbus TCP/IP network must be connected to Eth1 port of AK-SM 800A in order to maintain separation of northbound and southbound communications and ensure system security. It will be needed to use a DHCP server for IP address assignment of the case controllers.



Connection / Anschluß / Raccordement / Conexión / Подключение / 连接



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Cable type / Kabeltyp / Spécifications du câble / Tipo de cable / Тип кабеля / 电缆类型

Cat 5e, Category 5e or higher, UTP, Unshielded twisted pair, Straight-through
When used in industrial environments, it is recommended to use shielded twisted pair, (S)STP.
Cable length max: 100 m

Cat 5e, Kategorie 5e oder höher, UTP, Ungeschirmtes verdilltes paar, durchgehend gerade
Bei Verwendung in industriellen Umgebungen wird empfohlen, geschirmtes Twisted Pair (S) STP zu verwenden.
Kabellänge max: 100 m

Cat 5e, Catégorie 5e ou supérieure, UTP, Paire torsadée non-faradisée, droit.
En cas d'utilisation en environnement industriel, il est recommandé d'utiliser des paires torsadées faradisées, (S)STP.
Longueur de câble max : 100 m

Cable Cat5e or superior, UTP, cables trenzados sin apantallar, conexión directa.
Cuando se use en entornos industriales se recomienda cable apantallado y trenzado, (S) STP.
Longitud máxima del cables 100 metros.

Кошка 5е, Категория 5е или выше, UTP, Неэкранированная витая пара, Прямoproходная
При использовании в промышленной среде рекомендуется использовать экранированную витую пару, (S)STP.
Максимальная длина кабеля: 100 m

Cat 5e, 类别5e或更高, UTP, 无屏蔽双绞线, 直通
在工业环境中使用时, 建议使用屏蔽双绞线STP。
电缆最大长度:100米

Declarations, certifications and approvals

Certification	Mark	Logo	Country
EMC/LVD/RoHS	CE		EU
EMC/LVD/RoHS	UKCA		Great Britain
Weee directive	WEEE		EU
UL recognized	cURs (UL)		NAM (US and Canada)

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Climate Solutions • danfoss.com • +45 7488 2222

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