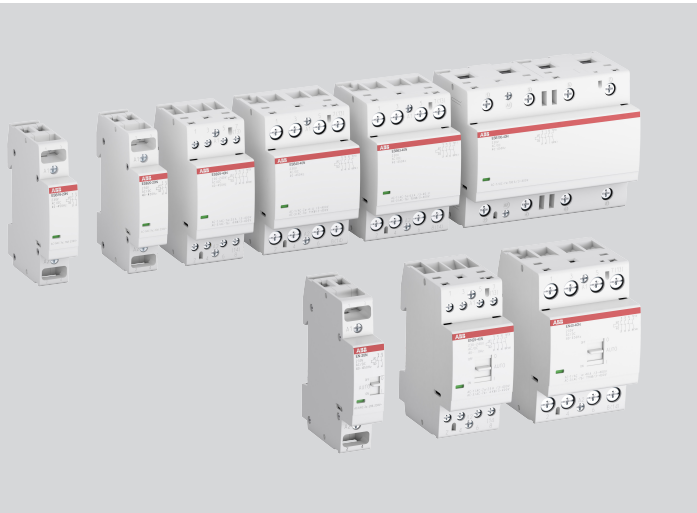


MODULAR DIN-RAIL COMPONENTS

ESB and EN hum-free installation contactors

Take noise reduction to a new level with ABB's wide range of installation contactors



ABB's installation contactors are now available in a wider range from 16 A to 100 A. With an innovative AC/DC coil design that eliminates hum, a broad selection of common accessories as well as manual and automatic versions, the all new installation contactors offer peace of mind in noise-sensitive applications. Applications include the switching and control of lighting, heating, ventilation, motors and pumps.



Hum-free operation

Electromechanical contactors with DC-coils and rectification for AC guarantee hum-free operation. The range meets the needs of applications demanding silent operation, for example hotel rooms and residential buildings.



Tool-free to save time

Speed up installation and maintenance time with tool-free mounting of accessories like auxiliaries and safety covers. The new auxiliary contact block fits all contactors of the range, saving valuable inventory space.



Group mounting saves space

Space savings of up to 15% by group mounting the ESB16..N, ESB/EN20..N and ESB100..N can be achieved. There is no need for distance pieces between contactors, saving valuable space in cabinets – and cutting costs.



More choice, less inventory

The right packaging for your needs – choose from different packaging options and delivery quantities. Keep only what you need in stock and cut inventory by up to 50%.



Comprehensive solution

ABB's installation contactors range is a complete solution ranging from 16 A to 100 A, offering an answer to all your needs from a single supplier. With 16 A, 25 A and 100 A versions, tender specifications can be met with competitive pricing.



Easy identification

Simply scan the code on the side of the device to cut time spent identifying products by up to 80%. Make handling and identifying your products in warehouse and cashier system as easy as possible.



Optimum interface

Quiet and reliable in every application

ABB's contactors feature innovative AC/DC coils. The range covers ratings from 16 A to 100 A and offers accessories to suit customer requirements in every application. An integrated indicator makes diagnostics quicker and shows the contactor's status at a glance.



Easy to install

Simple solution that saves time

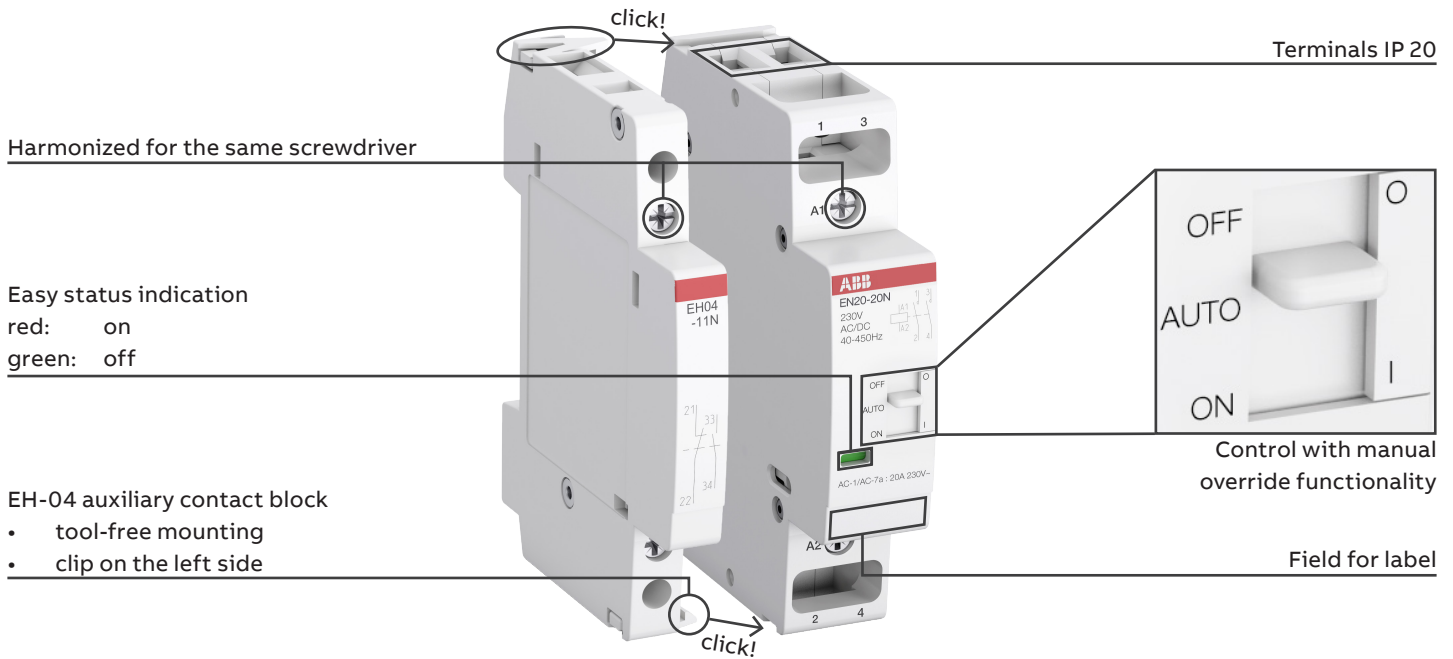
Reduce installation time and stock levels with an universal auxiliary contact block that can be attached to the contactors by hand. The installation contactors fit easily with ABB's System Pro M compact range, making them fully compatible with other modular DIN-Rail components.



Global availability

Whatever you need, wherever you need it

Installation contactors are available in multiple packaging sizes to meet different customer needs and to optimize warehousing space. Every ABB product enjoys expert local support to make communication easier and delivery faster.



ABB's installation contactor range comes with a host of features to make installation and maintenance easier. A mechanical indicator shows the status in green or red color to make system diagnostics quicker. Some speciality types also feature a manual override functionality with a toggle switch providing independent control. Accessories such as auxiliaries, space holders, as well as safety covers can be mounted tool-free onto the contactor.

| Type | Rated control supply voltage | Order code |
|-----------|------------------------------|----------------|
| ESB16-20N | 24 V AC/DC | 1SBE11111R0120 |
| ESB16-20N | 230 V AC/DC | 1SBE11111R0620 |
| ESB20-20N | 24 V AC/DC | 1SBE12111R0120 |
| ESB20-20N | 230 V AC/DC | 1SBE12111R0620 |
| ESB25-40N | 24 V AC/DC | 1SAE23111R0140 |
| ESB25-40N | 230-240 V AC/DC | 1SAE23111R0640 |
| ESB40-40N | 24 V AC/DC | 1SAE34111R0140 |
| ESB40-40N | 230 V AC/DC | 1SAE34111R0640 |
| ESB63-40N | 24 V AC/DC | 1SAE35111R0140 |

| Type | Rated control supply voltage | Order code |
|------------|------------------------------|-----------------|
| ESB63-40N | 230 V AC/DC | 1SAE35111R0640 |
| ESB100-40N | 24 V AC/DC | 1SAE66111R0140 |
| ESB100-40N | 230 V AC/DC | 1SAE66111R0640 |
| EN20-20N | 24 V AC/DC | 1SBE122111R0120 |
| EN20-20N | 230 V AC/DC | 1SBE122111R0620 |
| EN25-40N | 24 V AC/DC | 1SAE232111R0140 |
| EN25-40N | 230 V AC/DC | 1SAE232111R0640 |
| EN40-40N | 24 V AC/DC | 1SAE342111R0140 |
| EN40-40N | 230 V AC/DC | 1SAE342111R0640 |

ABB STOTZ-KONTAKT GmbH
Eppelheimer Straße 82
69123 Heidelberg, Germany



abb.com/lowvoltage

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