

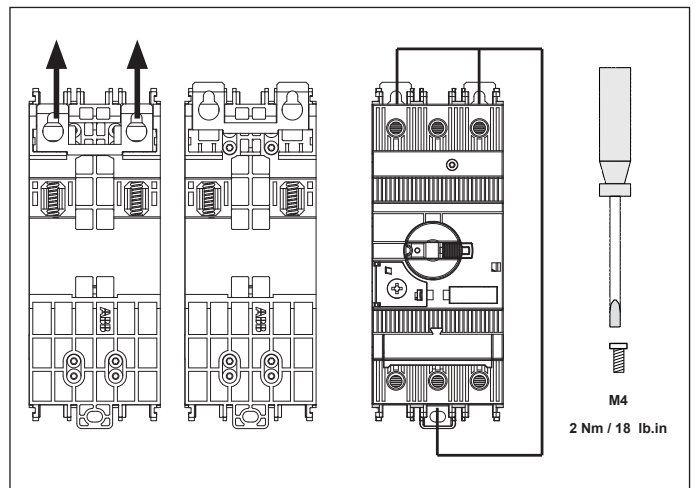
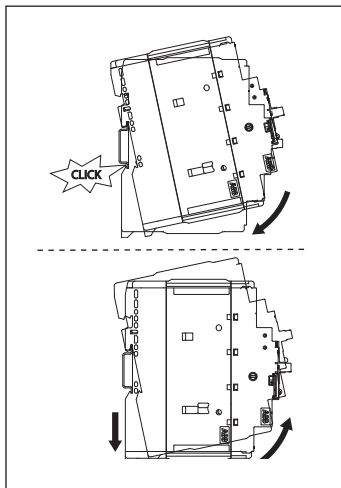
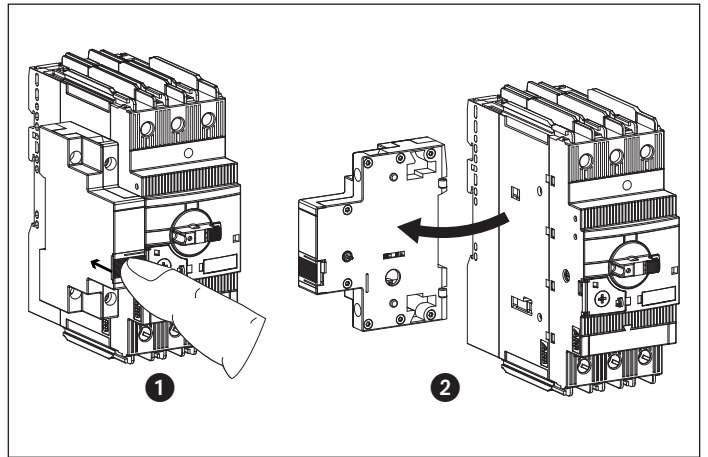
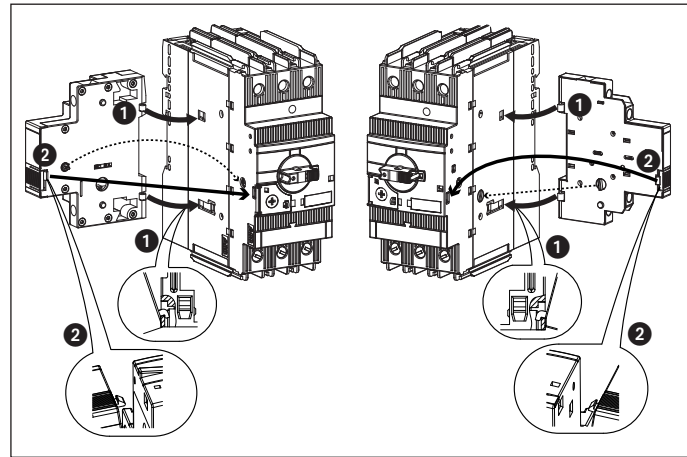
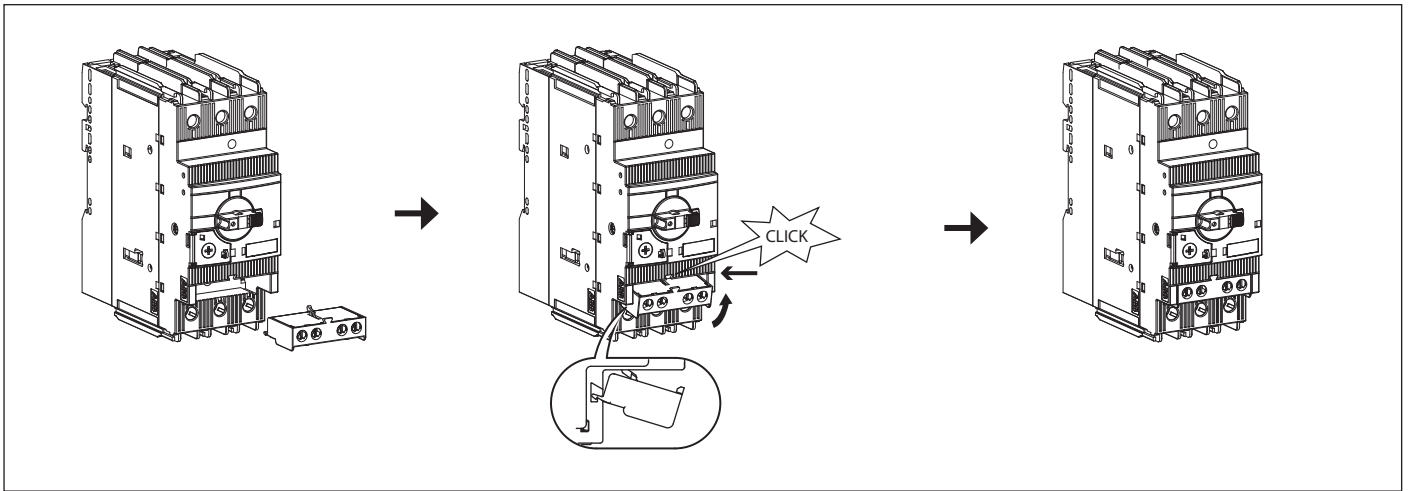
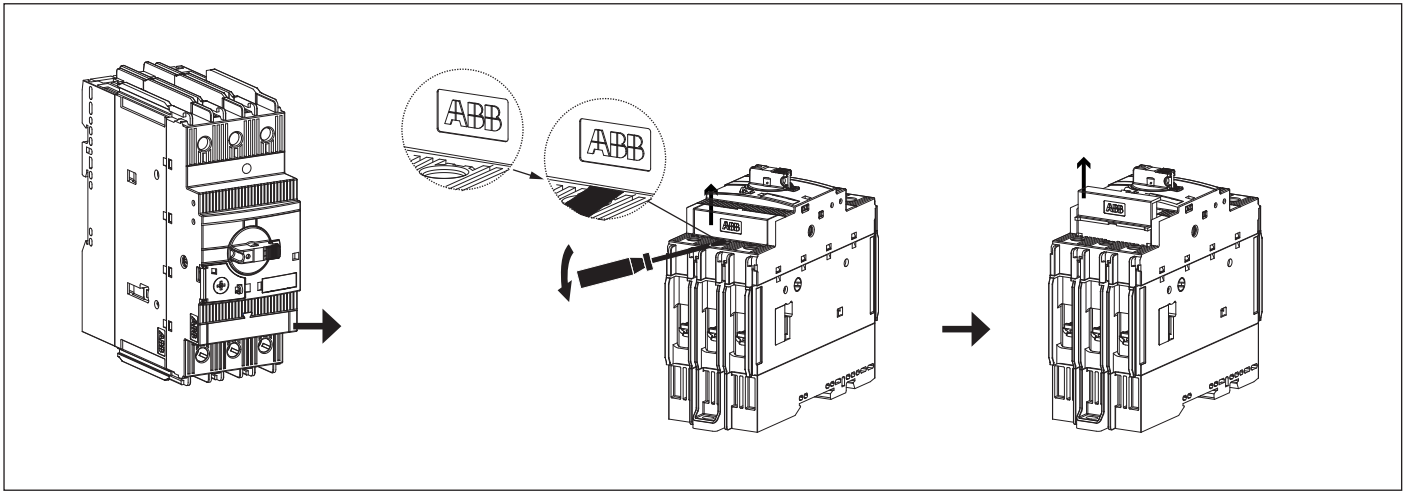
Doc.No. 2CDC131081M6801 (d)

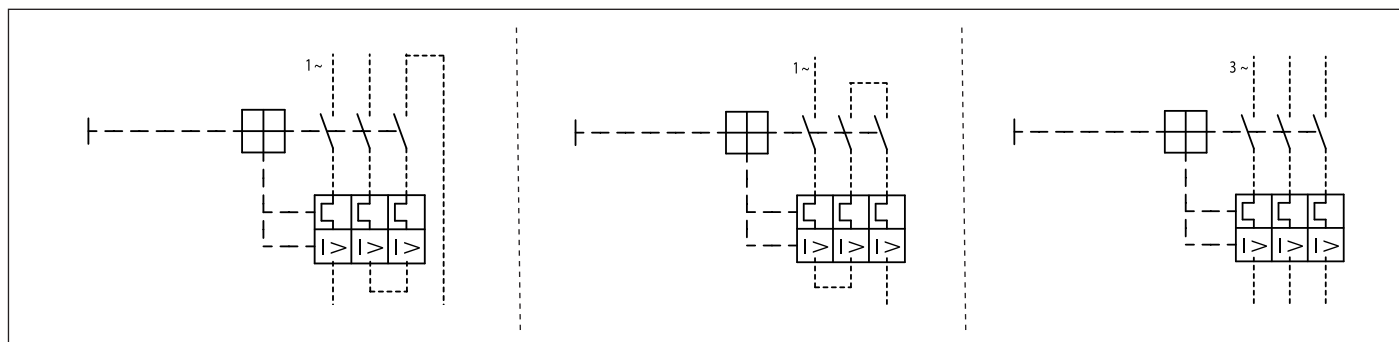
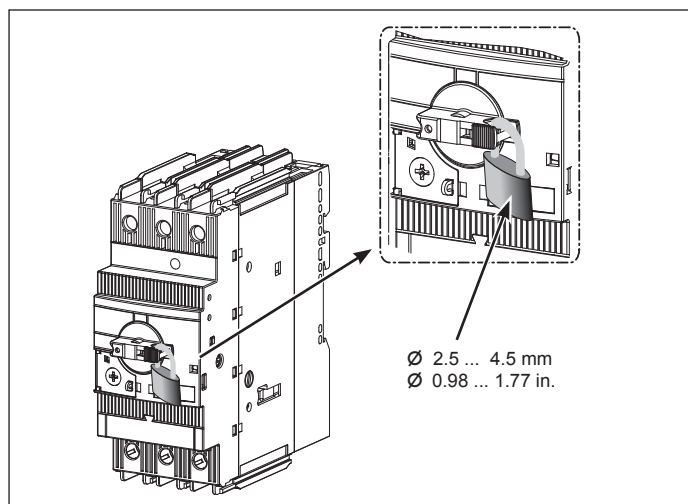
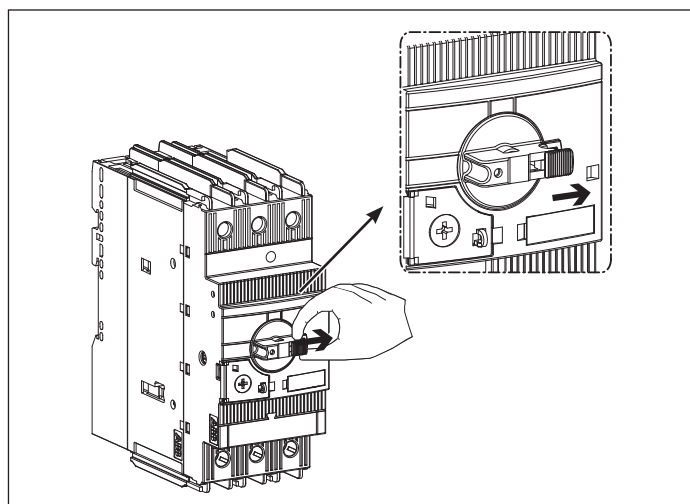
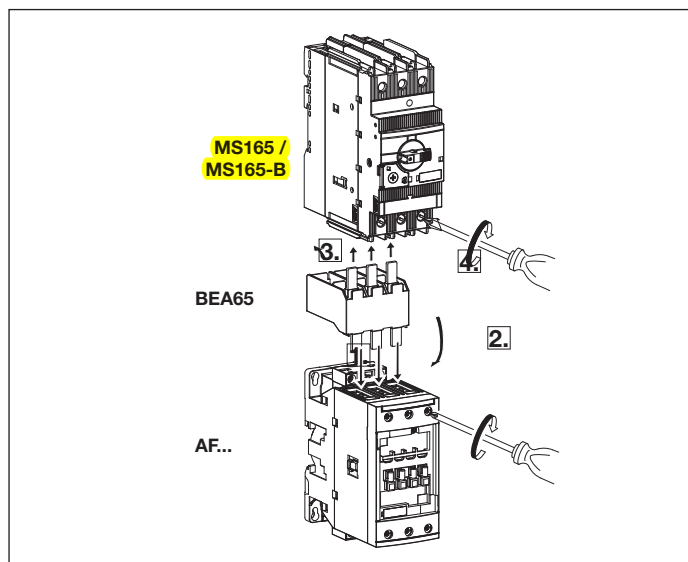
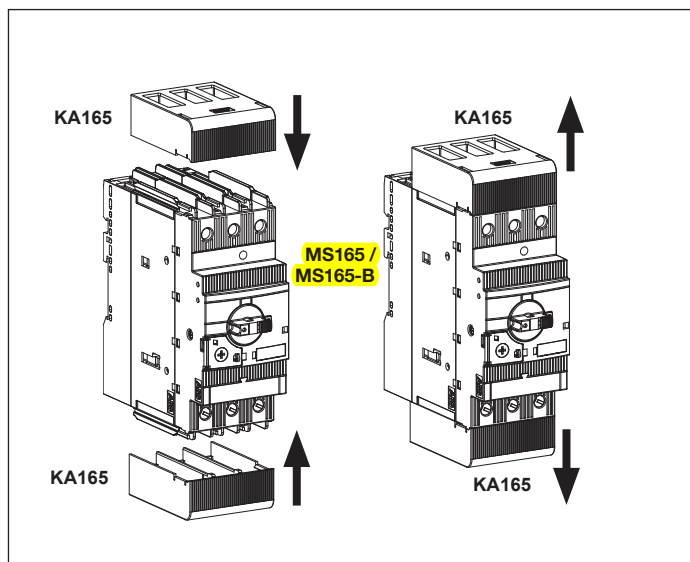
ABB

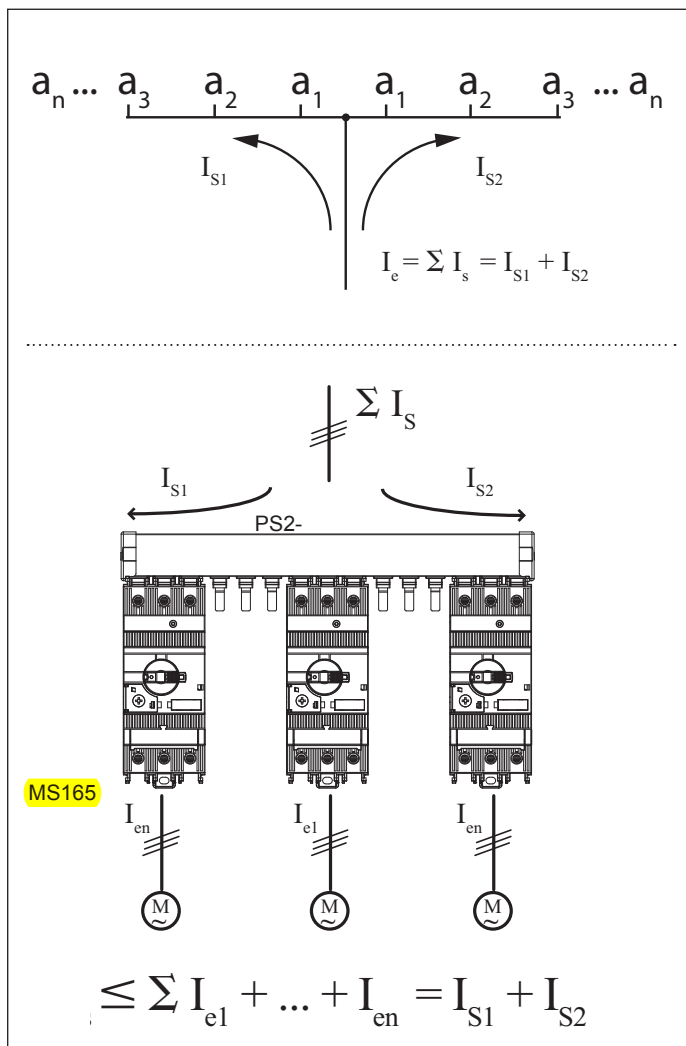
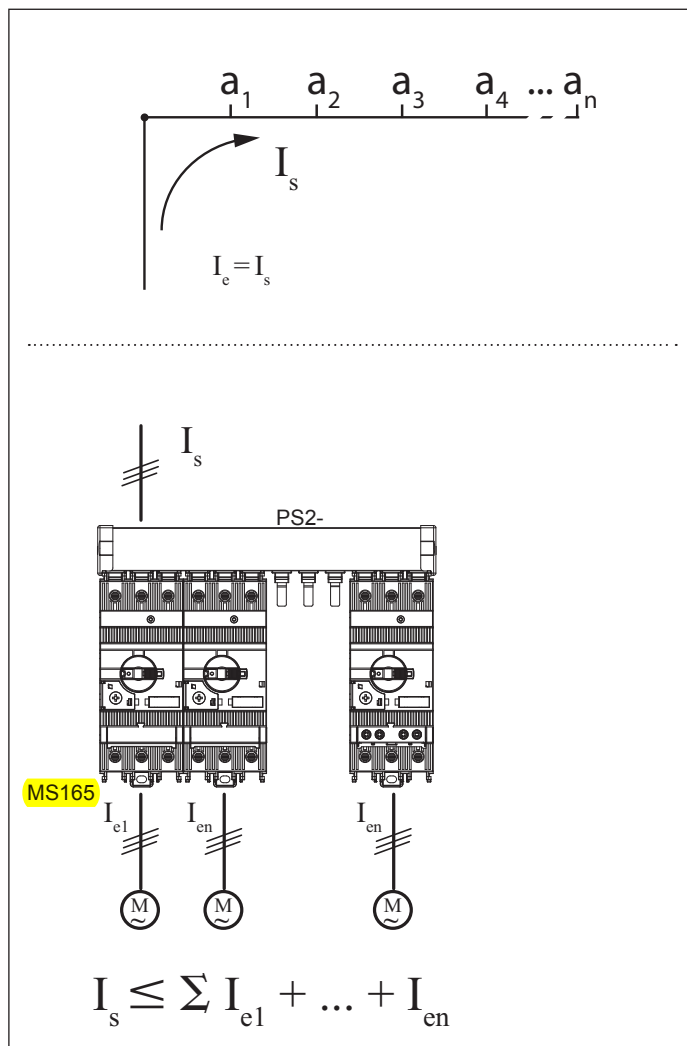
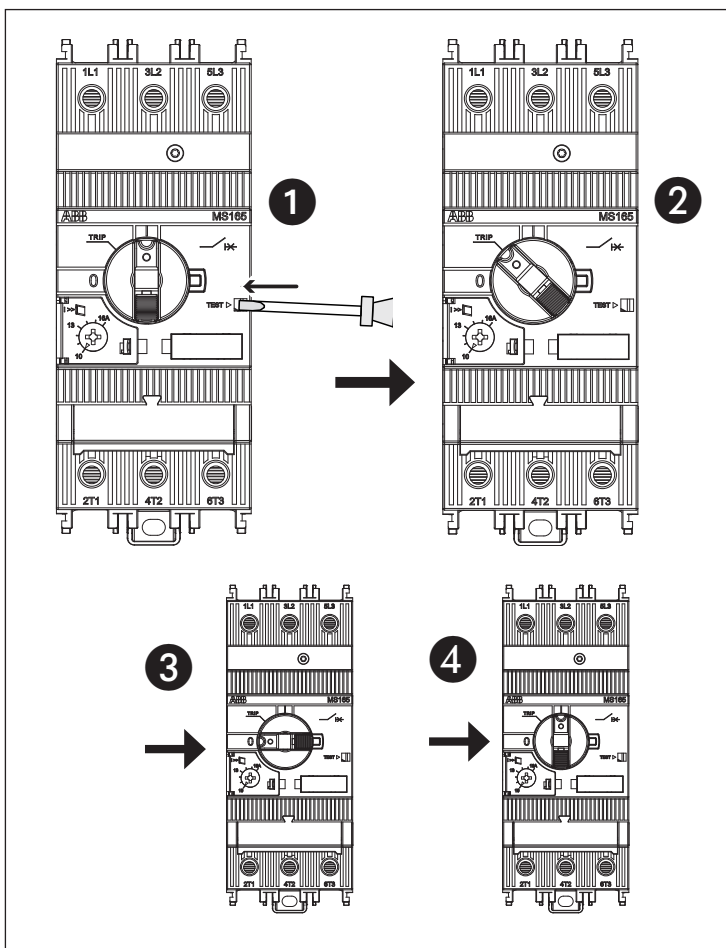
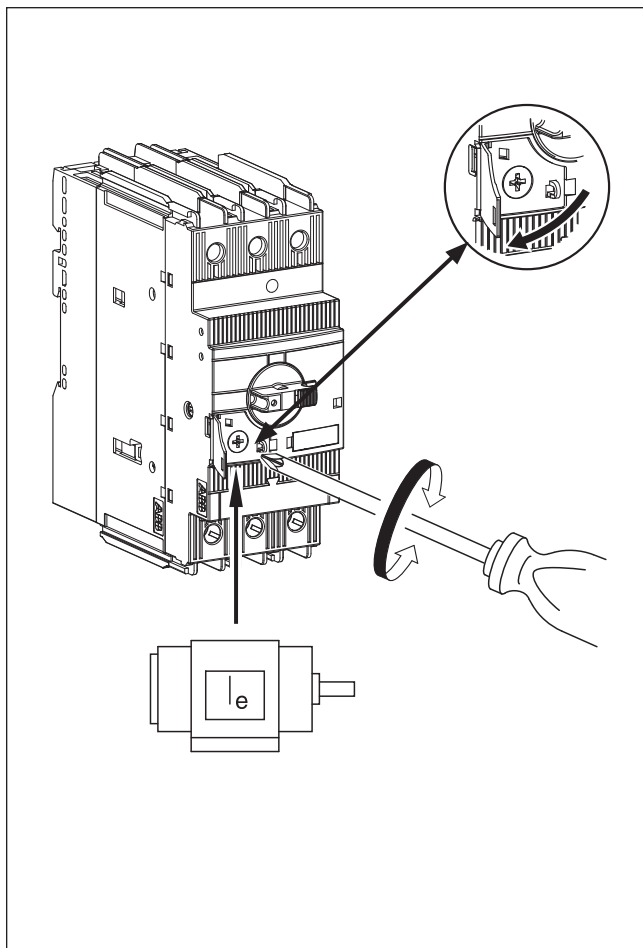

en Attention! Hazardous voltage! The installation and the operation of this device and any maintenance must be carried out by a qualified person in accordance with specific local standards and safety regulations. Before installing this device, read these operating instructions carefully. Do not touch live parts. To avoid damages to persons and material the devices have to be replaced in case of mechanical and/or electrical damage. These operating and installation instructions cannot claim to contain all detailed information of this product and can even not consider every possible application of the products. All statements serve exclusively to describe the product and have not to be understood as assured characteristics with legal force. Further information and data is obtainable from the catalogues and data sheets of this product, from the local ABB sales organisations as well as on the ABB homepage <http://www.abb.com>. Subject to change without prior notice. The English text applies in cases of doubt

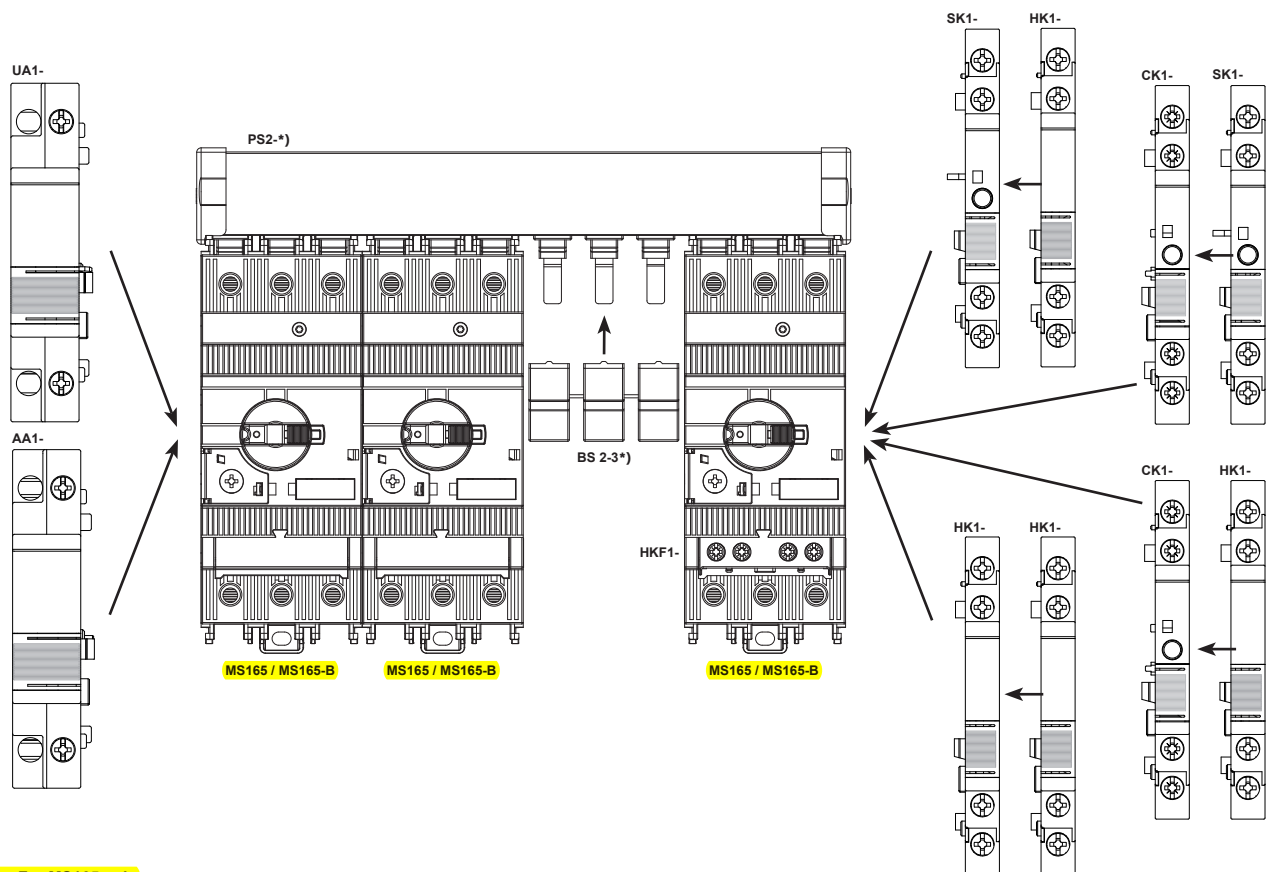
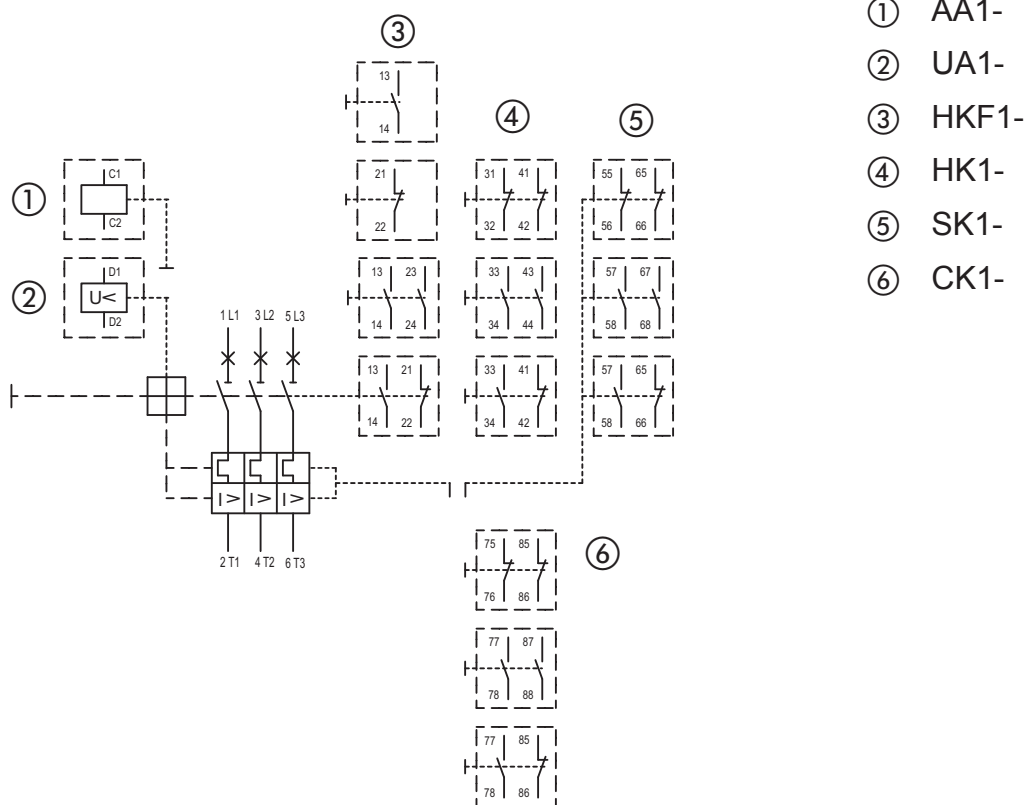
en Consider the data on the label at the side of the unit.

							
MS165 / MS165-B	M6 4 Nm / 35 lb.in	Ø 6.5 mm	Pozidriv No. 2	1/2 x 1 ... 50 mm ² 1/2 x AWG 16 ... 0	1/2 x 1 ... 35 mm ² 1/2 x AWG 16 ... 0	1/2 x 1 ... 35 mm ²	16 mm
HK1, HKF1, CK1, SK1,	M3 0.8 ... 1.2 Nm / 7 lb.in	Ø 5.5 mm		1/2 x 1 ... 1.5 mm ²	1/2 x 0.75 ... 1.5 mm ² 1/2 x AWG 16 ... 14	1/2 x 0.75 ... 1.5 mm ²	8 mm
UA1, AA1	M3 0.8 ... 1.2 Nm / 7 lb.in	Ø 5.5 mm		1/2 x 1 ... 4 mm ²	1/2 x 0.75 ... 2.5 mm ² 1/2 x AWG 16 ... 14	1/2 x 0.75 ... 2.5 mm ²	

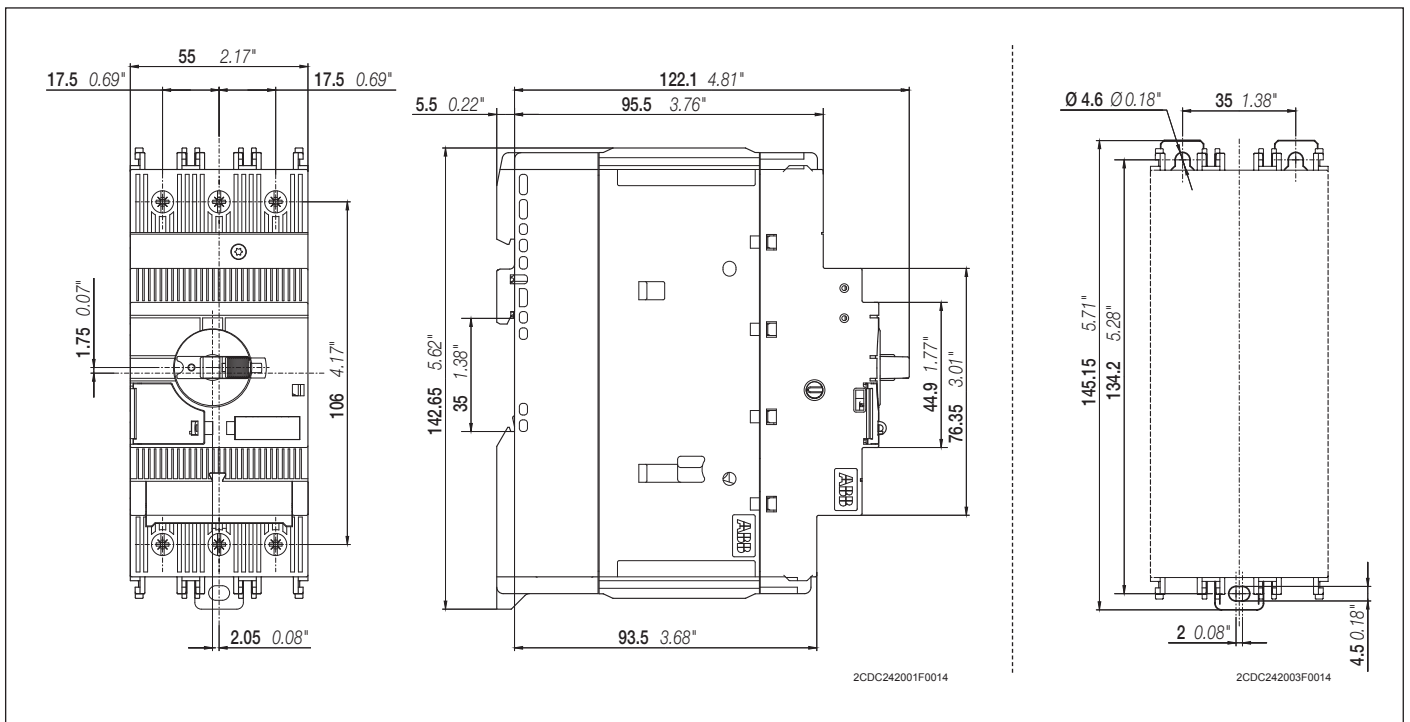








*) en - For MS165 only



MS165 / MS165-B



WARNING

When an overload or a fault current interruption occurs, circuits must be checked to determine the cause of the interruption. When a fault condition exists, the current-carrying components should be examined and replaced when damaged, and the integral current sensors must be replaced to reduce the risk of fire or electric shock. To maintain overcurrent, short-circuit, and ground-fault protection, the manufacturer's instructions for selection of overload and short-circuit protection must be followed to reduce the risk of fire or electric shock.

Suitable for installation in an enclosure with minimum dimensions of 290 by 130 by 190 mm