Contact us

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December 2024
2CDS207010P0001 Rev. B

Warning! Installation by person with electrotechnical expertise only.
Warnung! Installation nur durch elektrotechnische Fachkraft.
Avvertenza! Fare installare solo da un elettricista qualificato.

de Arbeitsstromauslöser
en Shunt trip
fr Bloc déclencheur
it Bobina di apertura a lancio di corrente
es Bobina de emisión de corriente
cn 分励脱扣器
ru **Дистанционный расцепитель**

0.8 Nm

1 wire/Leiter 0.75 ... 2.5 mm²/AWG 18-14
2 wires/Leiter max. 2x1.5mm²/AWG 18-16
max. 2 wires per slot/ Leiter pro Klemme

7 ... 8 mm/0.28 ... 0.32 In
CU only/nur CU

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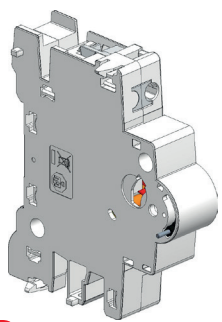
INSTALLATION AND OPERATING INSTRUCTION INSTALLATIONSANLEITUNG

S3C-A1 2CDS200982R0001
S3C-A2 2CDS200982R0002



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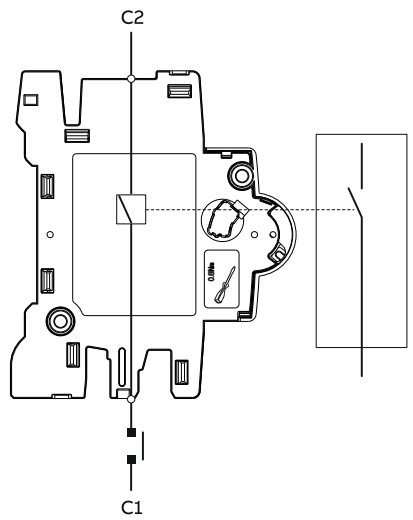


A
S200
S200 M
S200 MR
S200 MT/S200 MTR
S200 P
S200 MUC
S300 P
SD200
VY30
DS200
DS250N-UC

White/Weiß/Blanc/
Bianco/Blanco

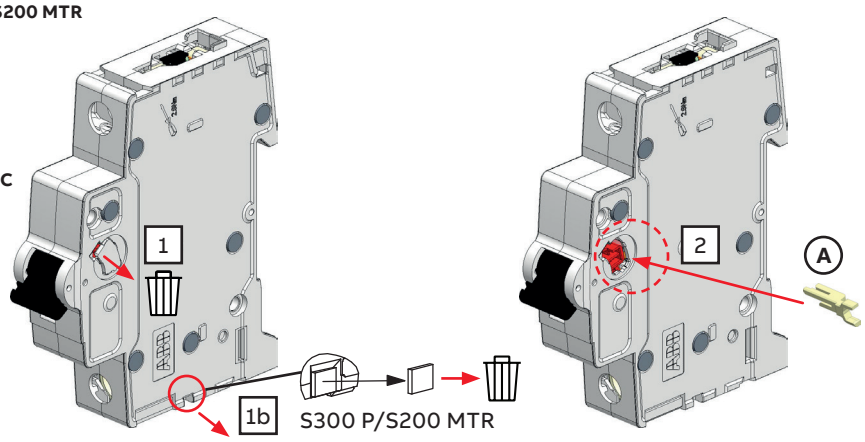
B
F200
RCCB VY
SN201
DS203NC

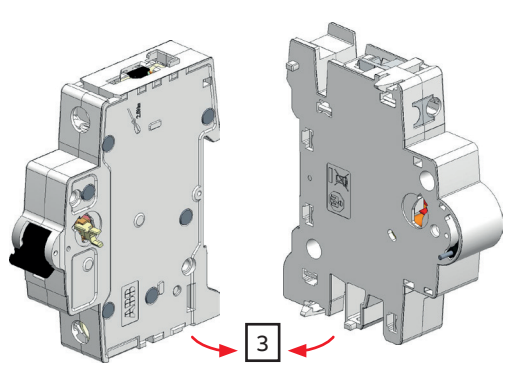
Black/Schwarz/Noir/
Nero/Negro

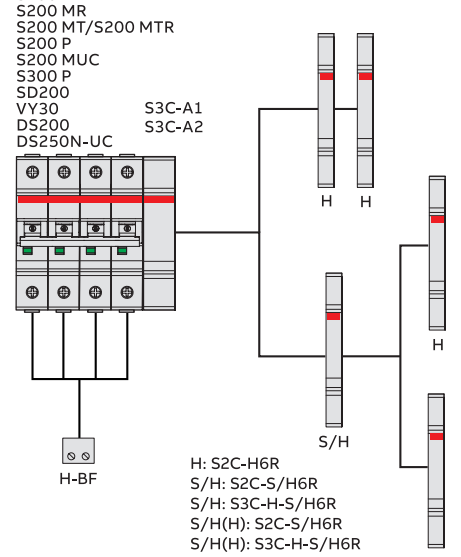
C
S-ARC1
DS-ARC1
DSE201 M
DS201
S3C-MOD
F3C-AR

Blue/Blau/Bleu/
Blu/Azul

S200
S200 M
S200 MR
S200 MT/S200 MTR
S200 P
S200 MUC
S300 P
SD200
VY30
DS200
DS250N-UC

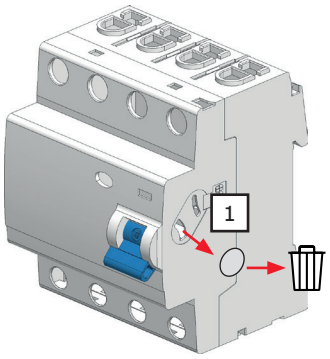


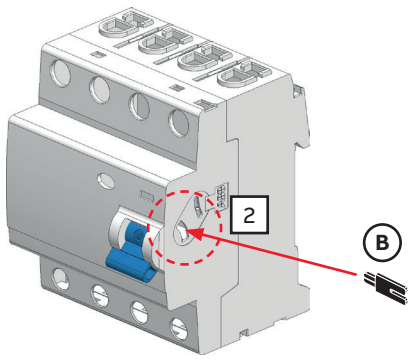


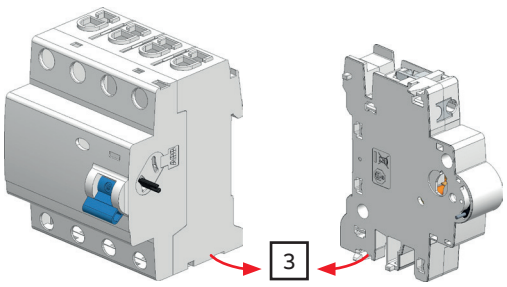


H: S2C-H6R
S/H: S2C-S/H6R
S/H: S3C-H-S/H6R
S/H(H): S2C-S/H6R
S/H(H): S3C-H-S/H6R
H-BF: S2C-H10, S2C-H01

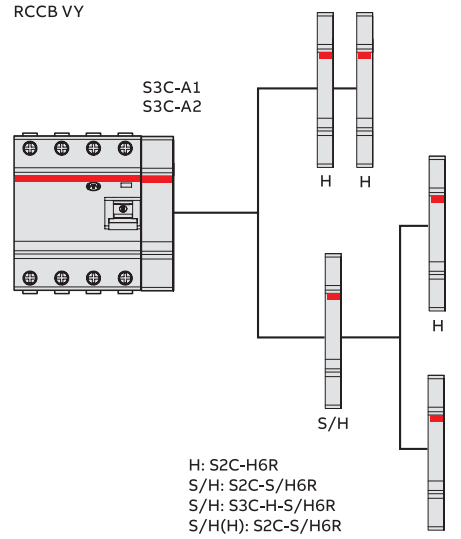
F200
RCCB VY





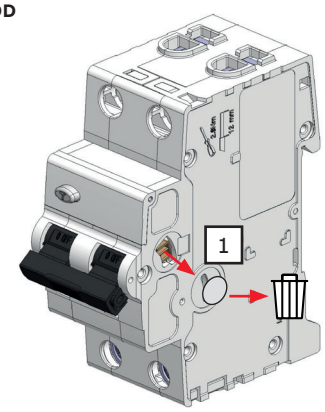


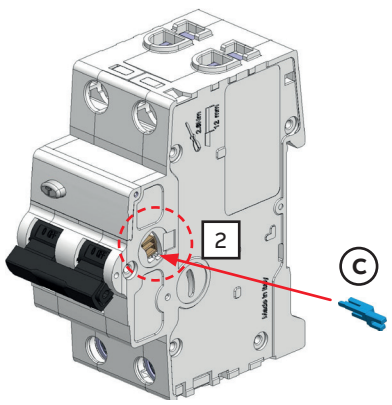
F200
RCCB VY

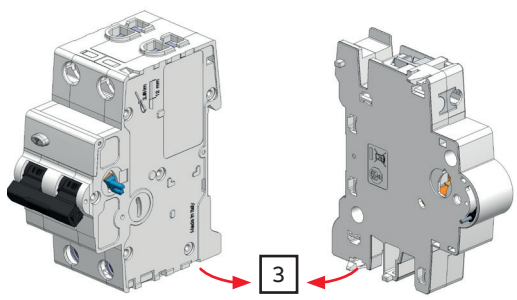


H: S2C-H6R
S/H: S2C-S/H6R
S/H: S3C-H-S/H6R
S/H(H): S2C-S/H6R
S/H(H): S3C-H-S/H6R

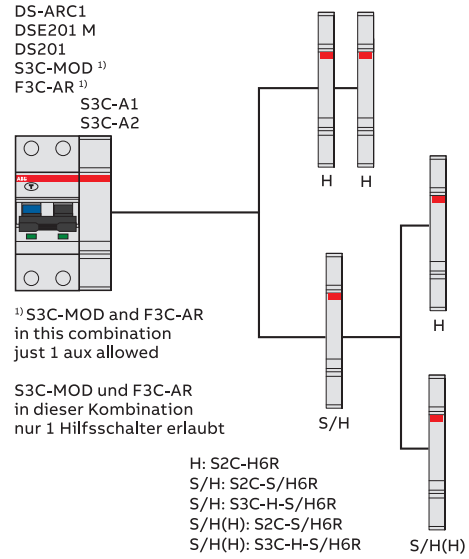
S-ARC1
DS-ARC1
DSE201 M
DS201
S3C-MOD
F3C-AR







S-ARC1
DS-ARC1
DSE201 M
DS201
S3C-MOD [1)]
F3C-AR [1)]

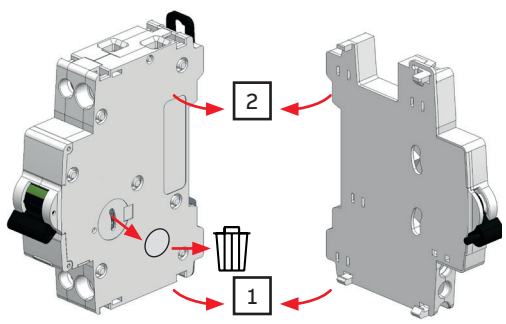


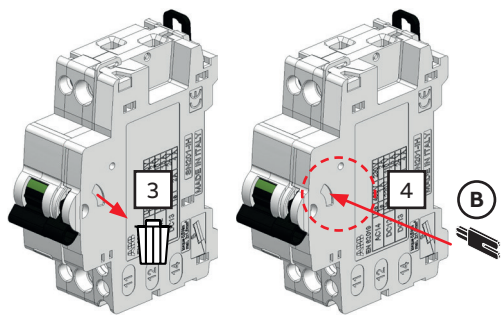
[1)] S3C-MOD and F3C-AR in this combination just 1 aux allowed

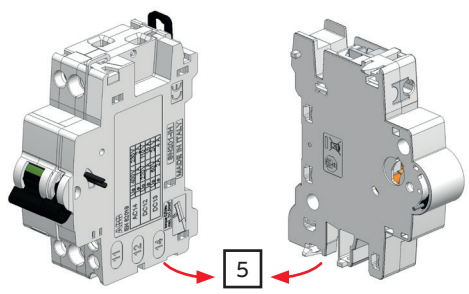
S3C-MOD und F3C-AR in dieser Kombination nur 1 Hilfsschalter erlaubt

H: S2C-H6R
S/H: S2C-S/H6R
S/H: S3C-H-S/H6R
S/H(H): S2C-S/H6R
S/H(H): S3C-H-S/H6R

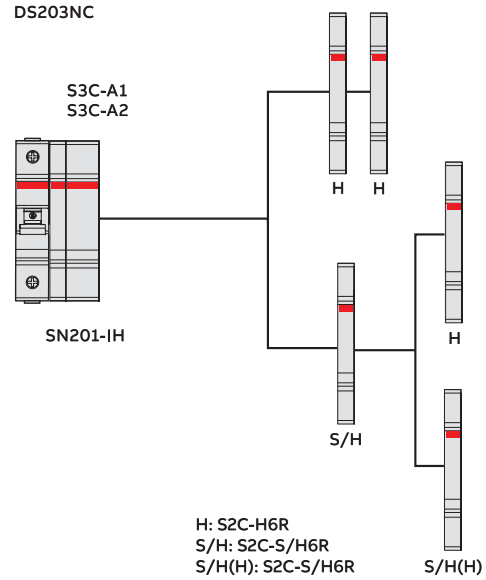
SN201 + SN201-IH
DS203NC + SN201-IH







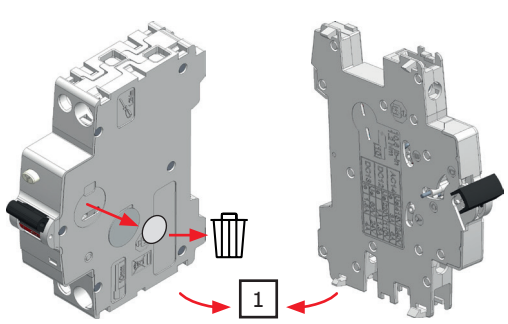
SN201
DS203NC



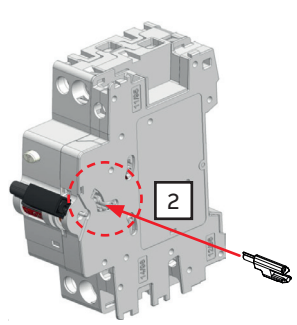
H: S2C-H6R
S/H: S2C-S/H6R
S/H(H): S2C-S/H6R

DS202CR + DSCC-IH6R
DSE201NS + DSCC-IH6R
DSN201E + DSCC-IH6R
GS201C + DSCC-IH6R
S201NC + DSCC-IH6R

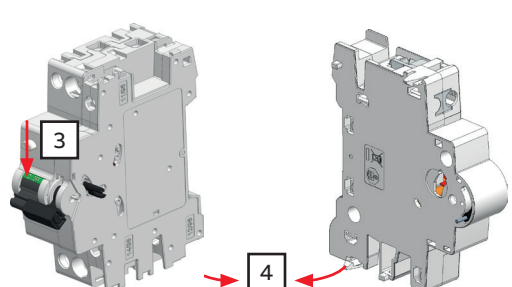
DS301C + SCC-IH6R
SN200 + SCC-IH6R
DS203NC + SCC-IH6R
S200C + SCC-IH6R



1 → SCC-IH6R
DSCC-IH6R



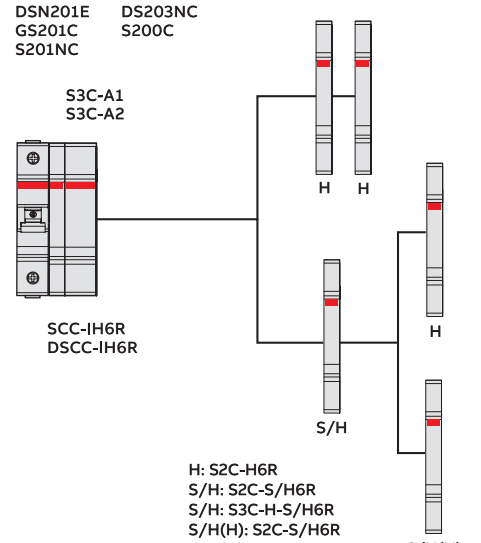
2 → SCC-IH6R
DSCC-IH6R



3 **Switch off!**
Ausschalten!

DS202CR
DSE201NS
DSN201E
GS201C
S201NC

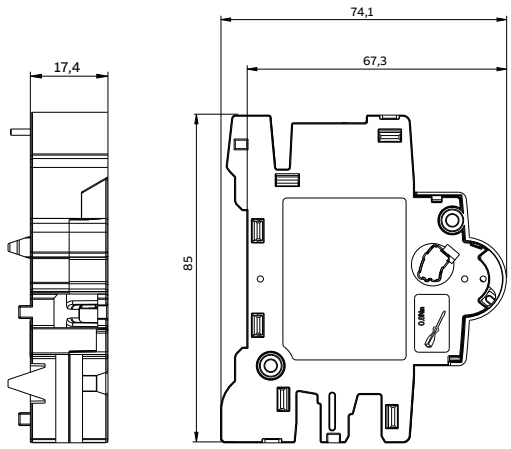
DS301C
SN200
DS203NC
S200C



H: S2C-H6R
S/H: S2C-S/H6R
S/H: S3C-H-S/H6R
S/H(H): S2C-S/H6R
S/H(H): S3C-H-S/H6R

			S3C-A1			
Rated voltage/ Bemessungsspannung U_n	AC	V	12…110			
	DC	V	12…110			
Max. release duration/ Max. Auslösedauer		ms	<10 @ Rated voltage/Bemessungsspannung U_n			
Min. release voltage/ Min. Spannung zur Auslösung	AC	V	8.4			
	DC	V	10			
Power consumption/ Stromverbrauch	Ub	V	12 V DC	12 V AC	24 V DC	24 V AC
	Ib_{max}/A	A	2.8	3.3	5.3	6.2
	Ub	V	60 V DC	60 V AC	110 V DC	110 V AC
	Ib_{max}/A	A	14	15	25.3	25
Coil resistance/ Spulenwiderstand		Ω	4			
Dimensions (H x D x W)/ Abmessungen (H x T x B)		mm	85 x 74.1 x 17.4			
Position of use/ Gebrauchslage			any/beliebig			

			S3C-A2		
Rated voltage/ Bemessungsspannung U_n	AC	V	110…415		
	DC	V	110…250		
Max. release duration/ Max. Auslösedauer		ms	<10 @ Rated voltage/Bemessungsspannung U_n		
Min. release voltage/ Min. Spannung zur Auslösung	AC	V	77		
	DC	V	77		
Power consumption/ Stromverbrauch	Ub	V	110 V DC	110 V AC	220 V DC
	Ib_{max}/A	A	0.5	0.7	1.1
	Ub	V	230 V AC	250 V DC	415 V DC
	Ib_{max}/A	A	1.5	1.2	2.5
Coil resistance/ Spulenwiderstand		Ω	210		
Dimensions (H x D x W)/ Abmessungen (H x T x B)		mm	85 x 74.1 x 17.4		
Position of use/ Gebrauchslage			any/beliebig		



Busbar PS pass-through TOP and BOTTOM ✓

⚠ **Caution 1:** When using S3C-A1 and S3C-A2 with OTHER busbar types, make sure that routing cable is not contacting with the busbar pin. Take into account also high bending radius.

⚠ **Caution 2:** When positioning the device on the edge, it must be positioned outside the busbar. Protection against contact with the connection pins of the busbar must be ensured through suitable selection of the busbar, device positioning and covers.

Phasenschienen PS-Kompatibilität OBEN und UNTEN. ✓

⚠ **Hinweis 1:** Bei Verwendung des S3C-A1 und S3C-A2 mit ANDEREN Phasenschienentypen ist sicherzustellen, dass die verlegte Leitung die Anschlussstifte der Phasenschiene nicht berührt. Beachten Sie dabei auch große Biegeradien.

⚠ **Hinweis 2:** Bei Randlage ist das Gerät außerhalb der Phasenschiene zu positionieren. Berührungsschutz bei den Anschlussstiften der Phasenschiene ist zu gewährleisten durch geeignete Auswahl der Phasenschiene, Gerätepositionierung und Abdeckungen.

Possibilité d'utiliser les barrettes de pontage de la série « PS » sur les bornes supérieures ou inférieures des produits modulaires. ✓

⚠ **Attention 1 :** Lorsque vous utilisez le S3C-A1 et/ou le S3C-A2 avec d'AUTRES types de barrette de pontage que celle indiqué par ABB, assurez-vous que les câbles ne soient pas en contact avec les pointes de la barrette.
Il est recommandé de réduire le plus possible la courbure des câbles pour assurer une bonne distance de séparation entre les parties actives du câble et de la barrette.

⚠ **Attention 2 :** Lorsque vous positionnez le S3C-A1 et/ou le S3C-A2 à l'extrémité du groupe produit, celui doit être à l'extérieur de la barrette de pontage.
La protection contre les parties actives de la barrette de pontage (Pin) doit être assurée par sa bonne sélection, positionnement et capot.

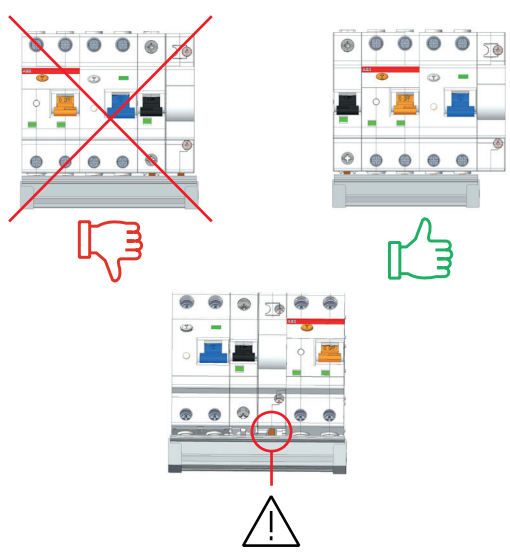
Compatibilità con barretta di alimentazione PS della bobina sia in alto che in basso. ✓

⚠ **Avvertenza 1:** Per un utilizzo corretto delle bobine S3C-A1 e S3C-A2 con barrette di alimentazione differenti dalle PS evitare che il cavo di alimentazione entri a contatto con il pin della barra di alimentazione e considerare che potrebbe essere necessario curvare molto il cavo di alimentazione.

⚠ **Avvertenza 2:** Se la bobina è l'ultimo elemento di una fila che prevede l'utilizzo della barretta di alimentazione, allora QUEST'ULTIMA va posta al di fuori della barretta(VEDERE FIGURA) . La protezione contro i contatti diretti dei pin della barretta di alimentazione deve essere garantita attraverso l'opportuna selezione della barretta, della sua posizione e della bobina.

Conexión posible de los peines de la serie PS a través de los terminales superiores o inferiores. ✓

⚠ **Advertencia 1:** Cuando se utilice el shunt trip S3C-A1 y/o S3C-A2 con otros tipos de peine de conexión eléctrica, se deberá asegurar que el cable no está en contacto con los pines del peine. También se deberá tener en cuenta los elevados radios de curvatura para separar la parte activa del peine y del cable.

⚠ **Advertencia 2:** Cuando el dispositivo esté colocado en un extremo, éste se colocará en el exterior del peine de conexión electrica.
La protección contra las partes activas del peine (pines) se conseguirá seleccionado el peine de conexión, la posición del dispositivo y tapas adecuadas.

⚠ **Caution 2/Hinweis 2/Attention 2/Avvertenza 2/Advertencia 2**