

**Terminal blocks
Insulation
Displacement**



"Neutral" switch block

Open in the opposite direction

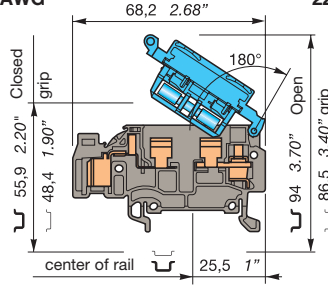
ADO - Screw clamp

↳ DIN 3

D 4/8.SNN.I.ADO

Spacing 8 mm +0,05 .315"
ADO side
0,34 - 1,5 mm²
22 - 16 AWG

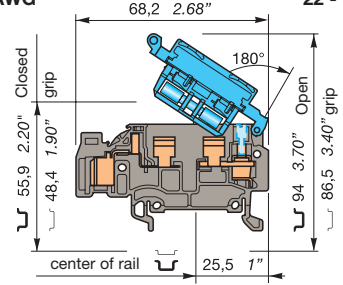
Screw side
0,2 - 4 mm²
22 - 10 AWG



D 4/8.SNNT2.I.ADO

Spacing 8 mm +0,05 .315"
ADO side
0,34 - 1,5 mm²
22 - 16 AWG

Screw side
0,2 - 4 mm²
22 - 10 AWG



| Colour | Type | Part number | Colour | Type | Part number |
|-----------------------|------------------------|--------------------|---|--------------------------|--------------------|
| Grey body / Blue grip | | | With DIA. 2 mm screw test socket for test on screw side. Grey body / Blue grip | | |
| ■ | D 4/8.SNN.I.ADO | 1SNA 399 778 R2300 | ■ | D 4/8.SNNT2.I.ADO | 1SNA 399 779 R2400 |

Characteristics

| Wire size | | | | |
|-----------|----------------|--------------------------|-----------|-----------|
| | IEC NFC DIN | UL | CSA | |
| Screw | Rigid | 0,2-4 mm ² | 22-10 AWG | 22-10 AWG |
| | Flexible | 0,22-4 mm ² | 22-10 AWG | 22-10 AWG |
| ADO | Rigid | 0,34-1,5 mm ² | 22-16 AWG | 22-16 AWG |
| | Flexible | 0,34-1,5 mm ² | 22-16 AWG | 22-16 AWG |

| Voltage | | | |
|-------------------|-------|-------|-------|
| Rated | 630 V | 600 V | 600 V |
| Impulse withstand | 8 kV | | |
| Pollution degree | 3 | | |

| Current | | | |
|---------|------|------|------|
| Rated | 10 A | 10 A | 10 A |

| Wire size | | | |
|-------------------------------|-------------------------|----------------------------|------------|
| Rated | 1,5 mm ² | 10/16 AWG | 10/16 AWG |
| Wire stripping length (screw) | Recommended screwdriver | Recommended torque (screw) | Protection |
| 9,5 mm | 4 mm | 0,5-0,8 Nm | IP 20 |
| .37" | .16" | 4.4-7.1 lb.in | NEMA 1 |

Characteristics

| Wire size | | | | |
|-----------|----------------|--------------------------|-----------|-----------|
| | IEC NFC DIN | UL | CSA | |
| Screw | Rigid | 0,2-4 mm ² | 22-10 AWG | 22-10 AWG |
| | Flexible | 0,22-4 mm ² | 22-10 AWG | 22-10 AWG |
| ADO | Rigid | 0,34-1,5 mm ² | 22-16 AWG | 22-16 AWG |
| | Flexible | 0,34-1,5 mm ² | 22-16 AWG | 22-16 AWG |

| Voltage | | | |
|-------------------|-------|-------|-------|
| Rated | 630 V | 600 V | 600 V |
| Impulse withstand | 8 kV | | |
| Pollution degree | 3 | | |

| Current | | | |
|---------|------|------|------|
| Rated | 10 A | 10 A | 10 A |

| Section | | | |
|-------------------------------|-------------------------|----------------------------|------------|
| Rated | 1,5 mm ² | 10/16 AWG | 10/16 AWG |
| Wire stripping length (screw) | Recommended screwdriver | Recommended torque (screw) | Protection |
| 9,5 mm | 4 mm | 0,5-0,8 Nm | IP 20 |
| .37" | .16" | 4.4-7.1 lb.in | NEMA 1 |

| | | | | | |
|----------|--|---------------|---------|----|--------------------|
| End stop | | th. 9 mm | BADL | V0 | 1SNA 399 903 R0200 |
| End stop | | th. 10 mm | BAM2 | V2 | 1SNA 206 351 R1600 |
| End stop | | th. 10 mm | BAM2 V0 | V0 | 1SNA 399 967 R0100 |
| Rail | | 35 x 7,5 x 1 | PR3.Z2 | | 1SNA 174 300 R1700 |
| Rail | | 35 x 15 x 2,3 | PR4 | | 1SNA 168 500 R1200 |
| Rail | | 35 x 15 x 1,5 | PR5 | | 1SNA 168 700 R2200 |

Other end stops, rails and accessories : see section on accessories.

Notes

Standard block 8 mm. For multiple wires connections, the two wires need to be of the **same gage and nature** (rigid or flexible). Terminal block body material is UL 94 V0.

All switch terminal blocks offer a test point (DIA. 2 mm or DIA 2.3 mm on block D 4/6.SNT23.ADO) on the ADO side of the block.

Accessories

| | | | | | |
|--|--|------|---------|---------------|--------------------|
| | 1 End section | grey | FEDAD10 | th. 1,5 mm | 1SNA 399 758 R2700 |
| | 2 Test plug | | FC2 | DIA. 2 mm | 1SNA 007 865 R2600 |
| | 3 Comb-type jumper bar | | PC81 | 35 A 10 poles | 1SNA 173 523 R1100 |
| | 4 IDC jumper | | AD2,5 | 24 A | 1SNA 114 205 R2000 |
| | 5 Assembly rod | | TGA8 | 2 poles | 1SNA 168 672 R1100 |
| | 6 Assembly ring | | TGA8 | 3 poles | 1SNA 168 673 R1200 |
| | 7 Hand tool kit | | TGA8 | 4 poles | 1SNA 168 674 R1300 |
| | 8 Semi automatic tool | | ANT | | 1SNA 168 675 R1400 |
| | 9 Pneumatic tool kit | | OUMAD | | 1SNA 179 466 R0600 |
| | 10 Replacement head kit | | OUPAD | | 1SNA 178 944 R0400 |
| | 11 Extraction tool kit | | OUTAD | | 1SNA 205 710 R1100 |
| | 12 Test connector | | OUTA | | 1SNA 205 284 R0300 |
| | | | EXAD2 | | 1SNA 205 721 R0000 |
| | | | CEADO.8 | | 1SNA 399 348 R2400 |
| | | | CEADOE | | 1SNA 399 341 R1500 |
| | R See section on markers Marking method | | RC810 | RCAL85 | RC610 on grip |

| Type | Part numbers | Type | Part numbers | | |
|---------|----------------------------------|---------------|----------------------------------|--------|---------------|
| FEDAD10 | th. 1,5 mm 1SNA 399 758 R2700 | FEDAD10 | th. 1,5 mm 1SNA 399 758 R2700 | | |
| FC2 | DIA. 2 mm 1SNA 007 865 R2600 | FC2 | DIA. 2 mm 1SNA 007 865 R2600 | | |
| PC81 | 35 A 10 poles 1SNA 173 523 R1100 | PC81 | 35 A 10 poles 1SNA 173 523 R1100 | | |
| AD2,5 | 24 A 1SNA 114 205 R2000 | AD2,5 | 24 A 1SNA 114 205 R2000 | | |
| TGA8 | 2 poles 1SNA 168 672 R1100 | TGA8 | 2 poles 1SNA 168 672 R1100 | | |
| TGA8 | 3 poles 1SNA 168 673 R1200 | TGA8 | 3 poles 1SNA 168 673 R1200 | | |
| TGA8 | 4 poles 1SNA 168 674 R1300 | TGA8 | 4 poles 1SNA 168 674 R1300 | | |
| ANT | 1SNA 168 675 R1400 | ANT | 1SNA 168 675 R1400 | | |
| OUMAD | 1SNA 179 466 R0600 | OUMAD | 1SNA 179 466 R0600 | | |
| OUPAD | 1SNA 178 944 R0400 | OUPAD | 1SNA 178 944 R0400 | | |
| OUTAD | 1SNA 205 710 R1100 | OUTAD | 1SNA 205 710 R1100 | | |
| OUTA | 1SNA 205 284 R0300 | OUTA | 1SNA 205 284 R0300 | | |
| EXAD2 | 1SNA 205 721 R0000 | EXAD2 | 1SNA 205 721 R0000 | | |
| CEADO.8 | 1SNA 399 348 R2400 | CEADO.8 | 1SNA 399 348 R2400 | | |
| CEADOE | 1SNA 399 341 R1500 | CEADOE | 1SNA 399 341 R1500 | | |
| RC810 | RCAL85 | RC610 on grip | RC810 | RCAL85 | RC610 on grip |

| Type | Part numbers | Type | Part numbers | | |
|---------|----------------------------------|---------------|----------------------------------|--------|---------------|
| FEDAD10 | th. 1,5 mm 1SNA 399 758 R2700 | FEDAD10 | th. 1,5 mm 1SNA 399 758 R2700 | | |
| FC2 | DIA. 2 mm 1SNA 007 865 R2600 | FC2 | DIA. 2 mm 1SNA 007 865 R2600 | | |
| PC81 | 35 A 10 poles 1SNA 173 523 R1100 | PC81 | 35 A 10 poles 1SNA 173 523 R1100 | | |
| AD2,5 | 24 A 1SNA 114 205 R2000 | AD2,5 | 24 A 1SNA 114 205 R2000 | | |
| TGA8 | 2 poles 1SNA 168 672 R1100 | TGA8 | 2 poles 1SNA 168 672 R1100 | | |
| TGA8 | 3 poles 1SNA 168 673 R1200 | TGA8 | 3 poles 1SNA 168 673 R1200 | | |
| TGA8 | 4 poles 1SNA 168 674 R1300 | TGA8 | 4 poles 1SNA 168 674 R1300 | | |
| ANT | 1SNA 168 675 R1400 | ANT | 1SNA 168 675 R1400 | | |
| OUMAD | 1SNA 179 466 R0600 | OUMAD | 1SNA 179 466 R0600 | | |
| OUPAD | 1SNA 178 944 R0400 | OUPAD | 1SNA 178 944 R0400 | | |
| OUTAD | 1SNA 205 710 R1100 | OUTAD | 1SNA 205 710 R1100 | | |
| OUTA | 1SNA 205 284 R0300 | OUTA | 1SNA 205 284 R0300 | | |
| EXAD2 | 1SNA 205 721 R0000 | EXAD2 | 1SNA 205 721 R0000 | | |
| CEADO.8 | 1SNA 399 348 R2400 | CEADO.8 | 1SNA 399 348 R2400 | | |
| CEADOE | 1SNA 399 341 R1500 | CEADOE | 1SNA 399 341 R1500 | | |
| RC810 | RCAL85 | RC610 on grip | RC810 | RCAL85 | RC610 on grip |

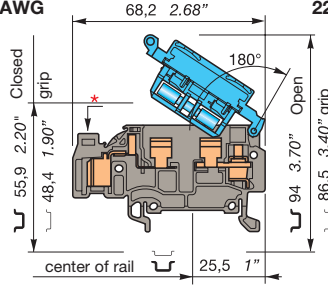
Terminal blocks
Insulation
Displacement
"Neutral" switch block
Open in the opposite direction
ADO - Screw clamp
 DIN 3



D 4/8.SNN.I.ADO2

Spacing 8 mm +0,05 .315"
 ADO side
 1 - 2,5 mm²
 16 - 14 AWG

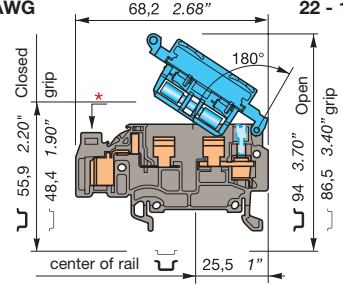
Screw side
 0,2 - 4 mm²
 22 - 10 AWG



D 4/8.SNNT2.I.ADO2

Spacing 8 mm +0,05 .315"
 ADO side
 1 - 2,5 mm²
 16 - 14 AWG

Screw side
 0,2 - 4 mm²
 22 - 10 AWG



| Color | Type | Part number |
|-----------------------|-------------------------|--------------------|
| Grey body / Blue grip | D 4/8.SNN.I.ADO2 | 1SNA 399 765 R1600 |

| Color | Type | Part number |
|---|---------------------------|--------------------|
| With DIA. 2 mm screw test socket for test on screw side. Grey body / Blue grip | D 4/8.SNNT2.I.ADO2 | 1SNA 399 766 R1700 |

Characteristics

| Wire size | Wire size | | | |
|-----------|----------------|------------------------|-----------|-----------|
| | IEC NFC DIN | UL | CSA | |
| Screw | Rigid | 0,2-4 mm ² | 22-10 AWG | 22-10 AWG |
| | Flexible | 0,22-4 mm ² | 22-10 AWG | 22-10 AWG |
| ADO | Rigid | 1-2,5 mm ² | 16-14 AWG | 16-14 AWG |
| | Flexible | 1-2,5 mm ² | 16-14 AWG | 16-14 AWG |

Characteristics

| Wire size | Wire size | | | |
|-----------|----------------|------------------------|-----------|-----------|
| | IEC NFC DIN | UL | CSA | |
| Screw | Rigid | 0,2-4 mm ² | 22-10 AWG | 22-10 AWG |
| | Flexible | 0,22-4 mm ² | 22-10 AWG | 22-10 AWG |
| ADO | Rigid | 1-2,5 mm ² | 16-14 AWG | 16-14 AWG |
| | Flexible | 1-2,5 mm ² | 16-14 AWG | 16-14 AWG |

Voltage

| | | | |
|-------------------|-------|-------|-------|
| Rated | 630 V | 600 V | 600 V |
| Impulse withstand | 8 kV | | |
| Pollution degree | 3 | | |

Voltage

| | | | |
|-------------------|-------|-------|-------|
| Rated | 630 V | 600 V | 600 V |
| Impulse withstand | 8 kV | | |
| Pollution degree | 3 | | |

Current

| | | | |
|-------|-------|------|------|
| Rated | 6,3 A | 10 A | 10 A |
|-------|-------|------|------|

Current

| | | | |
|-------|-------|------|------|
| Rated | 6,3 A | 10 A | 10 A |
|-------|-------|------|------|

Wire size

| Rated | 1,5 mm ² | 10/14 AWG | 10/14 AWG |
|-------------------------------|-------------------------|----------------------------|------------|
| Wire stripping length (screw) | Recommended screwdriver | Recommended torque (screw) | Protection |
| 9,5 mm | 4 mm | 0,5-0,8 Nm | IP 20 |
| .37" | .16" | 4.4-7.1 lb.in | NEMA 1 |

Section

| Rated | 1,5 mm ² | 10/14 AWG | 10/14 AWG |
|-------------------------------|-------------------------|----------------------------|------------|
| Wire stripping length (screw) | Recommended screwdriver | Recommended torque (screw) | Protection |
| 9,5 mm | 4 mm | 0,5-0,8 Nm | IP 20 |
| .37" | .16" | 4.4-7.1 lb.in | NEMA 1 |

| | | | | | |
|----------|--|---------------|----------------|----|--------------------|
| End stop | | th. 9 mm | BADL | V0 | 1SNA 399 903 R0200 |
| End stop | | th. 10 mm | BAM2 | V2 | 1SNA 206 351 R1600 |
| End stop | | th. 10 mm | BAM2 V0 | V0 | 1SNA 399 967 R0100 |
| Rail | | 35 x 7,5 x 1 | PR3.Z2 | | 1SNA 174 300 R1700 |
| Rail | | 35 x 15 x 2,3 | PR4 | | 1SNA 168 500 R1200 |
| Rail | | 35 x 15 x 1,5 | PR5 | | 1SNA 168 700 R2200 |

Other end stops, rails and accessories : see section on accessories.

Notes

Standard block 8 mm. For multiple wires connections, the two wires need to be of the **same gage and nature** (rigid or flexible). Terminal block body material is UL 94 V0.

All switch terminal blocks offer a test point (DIA. 2 mm or DIA 2.3 mm on block D 4/6.SNT23.ADO) on the ADO side of the block.

* - Black marking + 2 notches for wire size 1 - 2,5 mm² (16 - 14 AWG)

Accessories

| | | |
|--|--------------------------|----------------|
| | 1 End section | grey |
| | 2 Test plug | |
| | 3 Comb-type jumper bar | |
| | 4 IDC jumper | |
| | 5 Assembly rod | |
| | 6 Assembly ring | |
| | 7 Hand tool kit | |
| | 8 Semi automatic tool | |
| | 9 Pneumatic tool kit | |
| | 10 Replacement head kit | |
| | 11 Extraction tool kit | |
| | R See section on Markers | Marking method |

| Type | Part numbers |
|---------|----------------------------------|
| FEDAD10 | th. 1,5 mm 1SNA 399 758 R2700 |
| FC2 | DIA. 2 mm 1SNA 007 865 R2600 |
| PC81 | 35 A 10 poles 1SNA 173 523 R1100 |
| AD2,5 | 24 A 1SNA 114 205 R2000 |
| TGA8 | 2 poles 1SNA 168 672 R1100 |
| TGA8 | 3 poles 1SNA 168 673 R1200 |
| TGA8 | 4 poles 1SNA 168 674 R1300 |
| ANT | 1SNA 168 675 R1400 |
| OUMAD | 1SNA 179 466 R0600 |
| OUPAD | 1SNA 178 944 R0400 |
| OUTAD | 1SNA 205 710 R1100 |
| OUTA | 1SNA 205 284 R0300 |
| EXAD2 | 1SNA 205 721 R0000 |
| RC810 | RCAL85 RC610 on grip |

| Type | Part numbers |
|---------|----------------------------------|
| FEDAD10 | th. 1,5 mm 1SNA 399 758 R2700 |
| FC2 | DIA. 2 mm 1SNA 007 865 R2600 |
| PC81 | 35 A 10 poles 1SNA 173 523 R1100 |
| AD2,5 | 24 A 1SNA 114 205 R2000 |
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