

AGT2.5


**connectwell**  
THE RIGHT CONNECTION

2.5 sq.mm Angular Spring Clamp Ground / Earth Terminal Blocks.

Besides having angular wire entry, these Terminal Blocks have specially designed alloy feet which help in achieving very low contact resistance and vibration proof grounding with the DIN rails. They are green / yellow colour coded as per industry standards.

#### TECHNICAL DATA

|                        |                       |
|------------------------|-----------------------|
| Housing Material       | Polymide              |
| Product Function       | Earthing/Grounding    |
| Wire Entry Orientation | Angular Entry         |
| Mounting Possibility   | DIN 35/DIN 35-15 Rail |
| Operated by            | Screwdriver           |
| Rated Surge Voltage    | 8 KV                  |
| Pollution Degree       | 3                     |

#### CONNECTION DATA

|                                                       |                      |
|-------------------------------------------------------|----------------------|
| Conductor Cross Section Stranded min.                 | 0.34 mm <sup>2</sup> |
| Conductor Cross Section Stranded max.                 | 2.5 mm <sup>2</sup>  |
| Conductor Cross Section AWG/Kcmil min                 | 22 AWG               |
| Conductor Cross Section AWG/Kcmil max                 | 12 AWG               |
| Conductor Cross Section Stranded with Ferrule/Lug min | 0.34 mm <sup>2</sup> |
| Conductor Cross Section Stranded with Ferrule/Lug max | 2.5 mm <sup>2</sup>  |
| 2 Conductors with same Cross Section Stranded min     | 0.34 mm <sup>2</sup> |
| 2 Conductor with same Cross Section Stranded max      | 1.5 mm <sup>2</sup>  |
| Conductor Cross Section Solid min                     | 0.34 mm <sup>2</sup> |
| Conductor Cross Section Solid max                     | 4 mm <sup>2</sup>    |
| Stripping Length                                      | 11 mm                |

#### DIMENSIONS

|                                  |         |
|----------------------------------|---------|
| Height with DIN 35 x 15 mm rail  | 51.6 mm |
| Height with DIN 35 x 7.5 mm rail | 44 mm   |
| Length                           | 54 mm   |
| Width (Thickness)                | 5 mm    |

#### ORDERING INFORMATION

| CAT. NO. | DESCRIPTION                                                  | STD. PACK |
|----------|--------------------------------------------------------------|-----------|
| AGT2.5   | 2.5 sq.mm Angular Spring Clamp Ground / Earth Terminal Block | 100       |

#### ACCESSORIES

| IMAGES | CAT. NO.   | DESCRIPTION                   | STD. PACK |
|--------|------------|-------------------------------|-----------|
|        | CA701-1M   | Din 35 Rail unslotted 1 meter | 50        |
|        | CA701-2M   | Din 35 Rail unslotted 2 meter | 50        |
|        | CA701-2M-S | Din 35 Rail slotted 2 meter   | 50        |
|        | CA701-1M-S | Din 35 Rail slotted 1 meter   | 50        |

#### ACCESSORIES

| IMAGES | CAT. NO.      | DESCRIPTION                                 | STD. PACK |
|--------|---------------|---------------------------------------------|-----------|
|        | CA701-15-1M   | Din 35 Rail 15 deep unslotted 1 meter       | 50        |
|        | CA701-15-1M-S | Din 35 Rail 15 deep slotted 1 meter         | 50        |
|        | CA701-15-2M   | Din 35 Rail 15 deep unslotted 2 meter       | 50        |
|        | CA701-15-2M-S | Din 35 Rail 15 deep slotted 2 meter         | 50        |
|        | EPAS2.5       | End Plate in Grey colour                    | 50        |
|        | EPAS2.5BU     | End Plate in Blue colour                    | 50        |
|        | CA509/K5      | Blank Marking Tag                           | 100       |
|        | SCS0.5/3      | Electricians Screwdriver for slotted screws | 10        |

#### APPROVALS



AEx ell Ex ell



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**RATINGS AS PER STANDARDS**

| STANDARDS                             | UL 1059              | CSA C.22.2 No:158    | IEC/EN60947-7-1      |
|---------------------------------------|----------------------|----------------------|----------------------|
| Approvals                             | UL                   | CSA                  | CE                   |
| Conductor Cross Section Stranded min. | 22 AWG               | 22 AWG               | 0.34 mm <sup>2</sup> |
| Conductor Cross Section Stranded max. | 12 AWG               | 12 AWG               | 2.5 mm <sup>2</sup>  |
| STANDARDS                             | EN60079-7            | EN60079-7            |                      |
| Approvals                             | ATEX                 | ATEX-IECex           |                      |
| Conductor Cross Section Stranded min. | 0.34 mm <sup>2</sup> | 0.34 mm <sup>2</sup> |                      |
| Conductor Cross Section Stranded max. | 2.5 mm <sup>2</sup>  | 2.5 mm <sup>2</sup>  |                      |
| Operating Temperature Range           | -40 to +75 °C        |                      |                      |

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