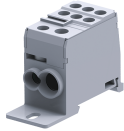


# DB35



**connectwell**  
THE RIGHT CONNECTION

35 sq.mm Compact Distribution Blocks.

db35 distribution block are used for single phase distribution systems. These blocks can either be mounted on a Din Rail or can be Panel mounted.

## TECHNICAL DATA

|                                 |                             |
|---------------------------------|-----------------------------|
| Rated Voltage                   | 1000 V                      |
| Rated Current                   | 125 A                       |
| Tightening Torque - Input Side  | 6 Nm                        |
| Tightening Torque - Output Side | 3 Nm                        |
| Housing Material                | Polymide                    |
| Product Function                | Modular Distribution Blocks |
| Wire Entry Orientation          | Side Entry                  |
| Mounting Possibility            | DIN 35/DIN 35-15 Rail       |
| Screw Size                      | M8                          |
| Operated by                     | Screwdriver                 |
| Rated Surge Voltage             | 6 KV                        |
| Pollution Degree                | 3                           |

## CONNECTION DATA

|                                                            |                     |
|------------------------------------------------------------|---------------------|
| Conductor Cross Section Stranded min.- Input Side          | 6 mm <sup>2</sup>   |
| Conductor Cross Section Stranded max. - Input Side         | 35 mm <sup>2</sup>  |
| Conductor Cross Section Stranded min.- Output Side         | 6 mm <sup>2</sup>   |
| Conductor Cross Section Stranded min.- Output Side         | 2.5 mm <sup>2</sup> |
| Conductor Cross Section Stranded max.- Output Side         | 16 mm <sup>2</sup>  |
| Conductor Cross Section Stranded max.- Output Side         | 10 mm <sup>2</sup>  |
| Conductor Cross Section Stranded min AWG/KCML.- Input Side | 8 AWG               |
| Conductor Cross Section Stranded max AWG/KCML.- Input Side | 2 AWG               |
| Stripping Length- Input Side                               | 15 mm               |
| Stripping Length-Output Side                               | 10 mm               |
| Internal Cylindrical Gauge                                 | A8                  |

## DIMENSIONS

|                                  |         |
|----------------------------------|---------|
| Height with DIN 35 x 15 mm rail  | 57.8 mm |
| Height with DIN 35 x 7.5 mm rail | 50.8 mm |
| Length                           | 74.4 mm |
| Width (Thickness)                | 27 mm   |

## ORDERING INFORMATION

| CAT. NO. | DESCRIPTION                                                  | STD. PACK |
|----------|--------------------------------------------------------------|-----------|
| DB35     | 35 sqmm Compact Distribution Terminal Block in Grey colour.  | 10        |
| DB35BK   | 35 sqmm Compact Distribution Terminal Block in Black colour. | 10        |

## ORDERING INFORMATION

| CAT. NO. | DESCRIPTION                                                   | STD. PACK |
|----------|---------------------------------------------------------------|-----------|
| DB35BU   | 35 sqmm Compact Distribution Terminal Block in Blue colour.   | 10        |
| DB35R    | 35 sqmm Compact Distribution Terminal Block in Red colour.    | 10        |
| DB35Y    | 35 sqmm Compact Distribution Terminal Block in Yellow colour. | 10        |

## 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        |
|        | 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        |
|        | CA702         | End Clamp in Polyamide 66 suitable for Din 32 / Din 35 / Din 35-15 Rails | 50        |
|        | CA802         | End Clamp in Polyamide suitable for Din 35 / Din 35-15 Rails             | 50        |
|        | CA509/K7.5    | Blank Marking Tag                                                        | 100       |
|        | SCPH2         | Phillips Screwdriver for Phillips Recess screws                          | 10        |

## APPROVALS



DB35



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THE RIGHT CONNECTION

RATINGS AS PER STANDARDS

| STANDARDS                                          | UL 1059    | IEC/EN60947-7-1     | CSA C.22.2 No:158 |
|----------------------------------------------------|------------|---------------------|-------------------|
| Approvals                                          | UL         | CE                  | CSA               |
| Conductor Cross Section Stranded min.- Input Side  | 8 AWG      | 6 mm <sup>2</sup>   | 8 AWG             |
| Conductor Cross Section Stranded max. - Input Side | 2 AWG      | 35 mm <sup>2</sup>  | 2 AWG             |
| Conductor Cross Section Stranded min.- Output Side | 14 AWG     | 2.5 mm <sup>2</sup> | 14 AWG            |
| Conductor Cross Section Stranded max.- Output Side | 6 AWG      | 10 mm <sup>2</sup>  | 6 AWG             |
| Rated Voltage                                      | 600 V      | 1000 V              | 600 V             |
| Rated Current                                      | 115 A      | 125 A               | 115 A             |
| Tightening Torque - Input Side                     | 40 lb-in   | 6 Nm                | 40 lb-in          |
| Tightening Torque - Output Side                    | 17.5 lb-in | 2 Nm                | 17.5 lb-in        |