

# DB70



**connectwell**  
THE RIGHT CONNECTION

70 sq.mm Compact Distribution Blocks.

db70 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                   | 160 A                      |
| Tightening Torque - Input Side  | 10 Nm                      |
| Tightening Torque - Output Side | 2 Nm                       |
| Housing Material                | Polymide                   |
| Product Function                | Compact Distribution Block |
| Wire Entry Orientation          | Side Entry                 |
| Mounting Possibility            | DIN 35/DIN 35-15 Rail      |
| Operated by                     | Screw Driver               |
| Rated Surge Voltage             | 6 KV                       |
| Pollution Degree                | 3                          |

## CONNECTION DATA

|                                                             |                     |
|-------------------------------------------------------------|---------------------|
| Conductor Cross Section Stranded min.- Input Side           | 10 mm <sup>2</sup>  |
| Conductor Cross Section Stranded max. - Input Side          | 70 mm <sup>2</sup>  |
| Conductor Cross Section Stranded min.- Output Side          | 2.5 mm <sup>2</sup> |
| Conductor Cross Section Stranded min.- Output Side          | 1.5 mm <sup>2</sup> |
| Conductor Cross Section Stranded max.- Output Side          | 25 mm <sup>2</sup>  |
| Conductor Cross Section Stranded max.- Output Side          | 16 mm <sup>2</sup>  |
| Conductor Cross Section Stranded min AWG/KCMIL.- Input Side | 8 AWG               |
| Conductor Cross Section Stranded max AWG/KCMIL.- Input Side | 1/0 AWG             |
| Stripping Length- Input Side                                | 17 mm               |
| Stripping Length-Output Side                                | 12 mm               |

## DIMENSIONS

|                                  |          |
|----------------------------------|----------|
| Height with DIN 35 x 15 mm rail  | 66.5 mm  |
| Height with DIN 35 x 7.5 mm rail | 55.2 mm  |
| Length                           | 74.45 mm |
| Width (Thickness)                | 41.6 mm  |

## ORDERING INFORMATION

| CAT. NO. | DESCRIPTION                                                 | STD. PACK |
|----------|-------------------------------------------------------------|-----------|
| DB70     | 70 sqmm Compact Distribution Terminal Block in Grey colour. | 10        |

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APPROVALS



RATINGS AS PER STANDARDS

| STANDARDS                                          | UL 1059  | IEC/EN60947-7-1     |  |
|----------------------------------------------------|----------|---------------------|--|
| Approvals                                          | UL       | CE                  |  |
| Conductor Cross Section Stranded min.- Input Side  | 8 AWG    | 10 mm <sup>2</sup>  |  |
| Conductor Cross Section Stranded max. - Input Side | 1/0 AWG  | 70 mm <sup>2</sup>  |  |
| Conductor Cross Section Stranded min.- Output Side | 16 AWG   | 1.5 mm <sup>2</sup> |  |
| Conductor Cross Section Stranded max.- Output Side | 6 AWG    | 16 mm <sup>2</sup>  |  |
| Rated Voltage                                      | 600 V    | 1000 V              |  |
| Rated Current                                      | 160 A    | 160 A               |  |
| Tightening Torque - Input Side                     | 90 lb-in | 10 Nm               |  |
| Tightening Torque - Output Side                    | 27 lb-in | 2 Nm                |  |