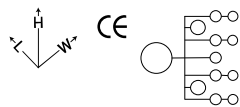
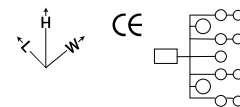




**SDB 400A**



**SDB 500A**



| Technical data                                   | SDB 400A    |            | SDB 500A    |            |
|--------------------------------------------------|-------------|------------|-------------|------------|
|                                                  | Voltage(V)  | Current(A) | Voltage(V)  | Current(A) |
| IEC 60947-7-1                                    | 1000        | 400        | 1000        | 500        |
| UL 1059                                          | 600         | 335        | 600         | 335        |
| <b>IEC 60947-7-1 rated data</b>                  |             |            |             |            |
| Impulse voltage (kV)                             | 12          |            | 12          |            |
| Pollution degree/Voltage category/Material group | 3 / III / I |            | 3 / III / I |            |
| I <sub>cu</sub> (kA)                             | 24.5        |            | 24.5        |            |
| I <sub>pk</sub> (kA)                             | 51          |            | 51          |            |

| Description                                                                                                                     |       | Type          | Ordering No. | Qty. | Type            | Ordering No. | Qty. |
|---------------------------------------------------------------------------------------------------------------------------------|-------|---------------|--------------|------|-----------------|--------------|------|
| Terminal block, for mounting on TH 35-7.5, 15  |       | SDB 400A      | 8037000140   | 1    | SDB 500A        | 8037000150   | 1    |
| Connection data                                                                                                                 |       |               |              |      |                 |              |      |
| Input                                                                                                                           |       | Line          |              |      | Line            |              |      |
| Connection Points                                                                                                               |       | 1             |              |      | 1               |              |      |
| Diameter (mm)                                                                                                                   |       | 19            |              |      | -               |              |      |
| Connection capacity                                                                                                             | (mm²) | 95 – 185      |              |      | 2×20×1 – 8×24×1 |              |      |
|                                                                                                                                 | (AWG) | 3 – 400 kcmil |              |      | -               |              |      |
| Tightening torque (N·m)                                                                                                         |       | 25            |              |      | 13.5            |              |      |
| Stripping length (mm)                                                                                                           |       | 26.4          |              |      | 28              |              |      |
| Output                                                                                                                          |       | Load 1        |              |      | Load 1          |              |      |
| Connection Points                                                                                                               |       | 2             |              |      | 2               |              |      |
| Diameter (mm)                                                                                                                   |       | 9             |              |      | 9               |              |      |
| Connection capacity                                                                                                             | (mm²) | 6 – 35        |              |      | 6 – 35          |              |      |
|                                                                                                                                 | (AWG) | 10 – 1        |              |      | 10 - 1          |              |      |
| Tightening torque (N·m)                                                                                                         |       | 4.4           |              |      | 4.4             |              |      |
| Stripping length (mm)                                                                                                           |       | 15.9          |              |      | 15.9            |              |      |
| Output                                                                                                                          |       | Load 2        |              |      | Load 2          |              |      |
| Connection Points                                                                                                               |       | 4             |              |      | 4               |              |      |
| Diameter (mm)                                                                                                                   |       | 6.1           |              |      | 6.1             |              |      |
| Connection capacity                                                                                                             | (mm²) | 2.5 – 10      |              |      | 2.5 – 10        |              |      |
|                                                                                                                                 | (AWG) | 14 – 6        |              |      | 14 – 6          |              |      |
| Tightening torque (N·m)                                                                                                         |       | 2.7           |              |      | 2.7             |              |      |
| Stripping length (mm)                                                                                                           |       | 9.8           |              |      | 9.8             |              |      |
| Output                                                                                                                          |       | Load 3        |              |      | Load 3          |              |      |
| Connection Points                                                                                                               |       | 5             |              |      | 5               |              |      |
| Diameter (mm)                                                                                                                   |       | 6.8           |              |      | 6.8             |              |      |
| Connection capacity                                                                                                             | (mm²) | 2.5 – 16      |              |      | 2.5 – 16        |              |      |
|                                                                                                                                 | (AWG) | 14 - 4        |              |      | 14 – 4          |              |      |
| Tightening torque (N·m)                                                                                                         |       | 2.7           |              |      | 2.7             |              |      |
| Stripping length (mm)                                                                                                           |       | 10.2          |              |      | 10.2            |              |      |
| Color                                                                                                                           | Body  | Gray          |              |      | Gray            |              |      |
|                                                                                                                                 | Cover | Dark gray     |              |      | Dark gray       |              |      |
| Dimensions (mm)                                                                                                                 |       | W / L / H     |              |      | W / L / H       |              |      |
| Width/Length/Height                                                                                                             |       | 46/96/50      |              |      | 46/96/50        |              |      |
| Insulation material                                                                                                             |       |               |              |      |                 |              |      |
| Body                                                                                                                            |       | PA 6.6 / V-0  |              |      | PA 6.6 / V-0    |              |      |
| Cover                                                                                                                           |       | PC            |              |      | PC              |              |      |