

| Type                               |        |                    | DSL...   | LTL000-3/9/<br>60/F57/5               | LTL000-3/9             | LTL00-../9    | LTL1-../9    |
|------------------------------------|--------|--------------------|----------|---------------------------------------|------------------------|---------------|--------------|
| <b>Electrical Characteristics</b>  |        |                    |          |                                       |                        |               |              |
| Rated Voltage                      | U      | [V]                | 400      | 500                                   | 690                    | 500           | 500          |
| Rated Current                      | /      | [A]                | 63       | 100                                   | 100                    | 160           | 250          |
| Current (with Fuse links)          | /      | [A]                | 63       | 100                                   | 100                    | 160           | 250          |
| Current (with Solid links)         | /      | [A]                | -        | 160 with TM00                         | -                      | 210 with TM00 | 325 with TM1 |
| Rated Frequency                    |        | [Hz]               | 40-60    | 40-60                                 | 40-60                  | 40-60         | 40-60        |
| Rated Insulation Voltage           | U      | [V]                | 400      | 500                                   | 690                    | 750           | 750          |
| Rated Short Circuit Current        |        | [kA]               | 50       | 50                                    | 50                     | 50            | 50           |
| Switching Class (with solid links) |        |                    | -        | AC-22B                                | AC-22B                 | AC-22B        | AC-22B       |
| Rated Making Capacity              |        | [A]                | 189      | 300                                   | -                      | 480           | 750          |
| Rated Breaking Capacity            |        | [A]                | 189      | 300                                   | -                      | 480           | 750          |
| Rated Impulse Voltage              | U      | [kV]               | 8        | 8                                     | -                      | 8             | 8            |
| Electrical Life                    |        | [No. of ops]       | 300      | 300                                   | 300                    | 200           | 200          |
| Power Dissipation                  | P      | [W]                | -        | 11.5                                  | 6.9                    | 6.9           | 12.9         |
| <b>Fuse Links</b>                  |        |                    |          |                                       |                        |               |              |
| DIN Size                           |        |                    | DO1, D02 | 000                                   | 000                    | 000 & 00      | 1            |
| Max. Rated Current (gL/gG)         | /      | [A]                | 63       | 100                                   | 100                    | 160           | 250          |
| Maximum Power Dissipation          |        | [W]                | 5.5      | 12                                    | 12                     | 12            | 23           |
| <b>Mechanical Characteristics</b>  |        |                    |          |                                       |                        |               |              |
| Mechanical Life                    |        | [No. of ops]       | 1700     | 1700                                  | -                      | 1700          | 1400         |
| Weight (without packing)           | 3 pole | [kg]               | 0.26     | 0.57                                  | 0.52                   | 0.72          | 2.5          |
|                                    | 2 pole | [kg]               | -        | -                                     | -                      | 0.7           | 2.14         |
|                                    | 1 pole | [kg]               | -        | -                                     | -                      | 0.32          | 1.00         |
| <b>Terminal Capacity</b>           |        |                    |          |                                       |                        |               |              |
| Spade Terminal (Standard Supply)   |        | [dia]              | -        | -                                     | M8                     | M8            | M10          |
| Cable lug                          |        | [mm <sup>2</sup> ] | -        | -                                     | 1x10-70                | 1x10-95       | 1x25-150     |
| Flat bar                           |        | [mm]               | -        | -                                     | -                      | 20x10         | 30x10        |
| Torque                             |        | [Nm]               | -        | -                                     | 12-15                  | 12-15         | 30-35        |
| Clamp Terminal                     |        |                    |          |                                       |                        |               |              |
| Cable size (Al/Cu)                 |        | [mm <sup>2</sup> ] | 1.5-25   | 1.5-25                                | 6-50                   | 1.5-70        | 25-150       |
| Flat bar                           |        | [mm]               | -        | -                                     | -                      | 6x9           | 6x16         |
| Torque                             |        | [Nm]               | -        | 2.6                                   | 2.6                    | 2.6           | 9.5          |
| Prism Clamp                        |        |                    |          |                                       |                        |               |              |
| Cable Size (Al/Cu)                 |        | [mm <sup>2</sup> ] | -        | -                                     | 10-70                  | 10-70         | 70-150       |
| Torque                             |        | [Nm]               | -        | -                                     | 4.5                    | 2.6           | 4.5          |
| Double Prism Clamp                 |        |                    |          |                                       |                        |               |              |
| Cable Size (Al/Cu)                 |        | [mm <sup>2</sup> ] | -        | -                                     | 2x10-50                | -             | 2x70-95      |
| Torque                             |        | [Nm]               | -        | -                                     | 4.5                    | -             | 4.5          |
| <b>Degree of Protection</b>        |        |                    |          |                                       |                        |               |              |
| Front, device fitted               |        |                    |          |                                       |                        |               |              |
| Operating condition                |        |                    | IP20     | IP20                                  | IP20                   | IP20          | IP20         |
| Front cover open                   |        |                    | IP10     | IP10                                  | IP10                   | IP10          | IP10         |
| <b>Service Conditions</b>          |        |                    |          |                                       |                        |               |              |
| Max. Ambient Temperature           |        | [C]                |          | -25... +55 (reduced operation at max) |                        |               |              |
| Rated Duty                         |        |                    |          |                                       | Uninterrupted duty     |               |              |
| Operation                          |        |                    |          |                                       | Manual dependent       |               |              |
| Mounting Position                  |        |                    |          |                                       | Vertical or Horizontal |               |              |
| Altitude                           |        | [m]                |          |                                       | Up to 2000             |               |              |
| Pollution Degree                   |        |                    | 3        | 3                                     | 3                      | 3             | 3            |
| Overvoltage Category               |        |                    | III      | III                                   | III                    | III           | III          |

| Accessories - Micro switches  |                      |                      |                       |
|-------------------------------|----------------------|----------------------|-----------------------|
| Switch Position Indicator     |                      | EV-LT00, EV-LTL123-1 | EV-LTL123-3, EV-LTL4A |
| Fuse Blown Position Indicator |                      | K-LTL** -1/H         | K-LTL** -3/H, K-LTL4A |
| Rated Current @ 250V AC       | A                    | 5                    | 8                     |
| Rated Current @ 110V DC       | A                    | 0.35                 | 0.6                   |
| Electrical Life @ AC11        | [ No. of Operations] | 100,000              | 50,000                |

| D - Type Fuse Bases   |  |
|---|--|
| - Rated Current: 25A and 63A  |  |
| - Rated Voltage: 25A - 500V, 63A - 690V                                     |  |
| - Standard: IEC269-3-1  |  |
| - Flame Resistance to: UL94V-ø  |  |
| - Terminal: Clamp Type, self lifting, 25mm <sup>2</sup> max.                |  |
| - Touch Protection: Clip-on Covers for top, bottom and sides are available. |  |
| - Mounting: On Busbars 12-30mm width, 5 or 10mm thick.                      |  |

| Terminal with Connecting Lug |                                |                 |              |               |           |                        |
|------------------------------|--------------------------------|-----------------|--------------|---------------|-----------|------------------------|
|                              | AL/Cu Cable [mm <sup>2</sup> ] |                 |              |               | Allen Key | Tightening Torque (Nm) |
|                              | Rounded Stranded               | Sector Stranded | Round Solid  | Sector Solid  |           |                        |
| K2G/A                        | 35-185                         | 35-185          | 35-185       | 50-185        | 6 mm      | 40                     |
| KM2G/AF3040                  | 25-300                         | 25-240          | 25-150       | 25-240        | 6 mm      | 40                     |
| K2HG/2/AF30                  | 2 x<br>25-120                  | 2 x<br>35-120   | 2 x<br>25-50 | 2 x<br>50-120 | 6 mm      | 40                     |
| KV2HG/2/AF30                 | 2 x<br>12 -185                 | 2 x<br>12-185   | -            | -             | 6 mm      | 40                     |

| Fuse Switches Din Rail Mount            |  |                          |
|---|--|--------------------------|
|   | WH-AMB1/10<br>WH-AMB3/10                                   | WH-AMB1/22<br>WH-AMB3/22 |
| Rated Current @ 690V AC<br>@ 440V DC    | 32A<br>32A   | 125A<br>125A             |
| Application Category                    | AC-22B (400V)  | AC-20B (690V)            |
| Conditional Rated Short Circuit Current | 50kA (400V)  | 100kA (500V)             |
| Terminal Capacity                       | 1x 0.75 - 25mm <sup>2</sup><br>2x 0.75 - 10mm <sup>2</sup> | 1x 4 - 50mm <sup>2</sup> |