

# Flexible cover universal DLP trunking

## New standard EN 50085-2-1

| Classification EN 50085-2-1 |  | Level  |
|-----------------------------|--|--|
| 6.1                         | Void   |  |
| 6.2                         | Resistance to impact for installation and application  | 2.0 J  |
| 6.3                         | Minimum storage and transport temperature  | - 25 °C  |
| 6.3                         | Minimum installation and application temperature   | - 5 °C   |
| 6.3                         | Maximum application temperature  | + 60 °C  |
| 6.4                         | Resistance to flame propagation  | Non-flame propagating  |
| 6.5                         | Electrical continuity characteristic   | Without electrical continuity characteristic   |
| 6.6                         | Electrical insulating characteristic   | With electrical insulating characteristic  |
| 6.7                         | Degrees of protection provided by enclosure  | IP 40  |
| 6.9                         | System access cover retention  | With a tool  |
| 6.101                       | Position when surface mounted  | Wall fixed, ceiling fixed, wall fixed and supported by the floor or other horizontal surface |
| 6.102                       | Prevention of contact between liquids and insulated conductors and live parts in case of CTS/CDS mounted in a skirting position and wet-treatment of floor | Instructions restricting the installation position   |
| 6.103                       | The functions provided   | Type 2: 0 104 32/33/52/53, type 3: other Cat.Nos   |
| Rated current               |  | 500 V  |
| Against mechanical shocks   |  | IK 07  |

Type 1, type 2 distribution, type 3 installation

### Composition and functions of flexible cover universal DLP trunking

| Number of compartments   | Trunking          |           | Trunking and accessories              |        |                                      |                        |                            | Angles                                  |  |                           | Flat junction <sup>(3)</sup>  |                                | Supports for wiring accessories | Cross-section (mm <sup>2</sup> ) |
|--|-------------------|-----------|---------------------------------------|--------|--------------------------------------|------------------------|----------------------------|---|--|---------------------------|-------------------------------|--------------------------------|---------------------------------|----------------------------------|
|  | Covers width (mm) | Size (mm) | Bodies                                | Covers | Separation partitions <sup>(2)</sup> | End cap <sup>(2)</sup> | Cover joints               | Internal angle <sup>(1)</sup> 85 to 95° | External angle <sup>(1)</sup> 60 to 120° | Flat angle <sup>(1)</sup> | To width 80 mm <sup>(2)</sup> | To width 105 mm <sup>(2)</sup> |                                 |                                  |
| <b>Trunking for mounting of devices with support - 65 mm cover</b> |                   |           |                                       |        |                                      |                        |                            |   |  |                           |                               |                                |                                 |                                  |
| 1  | 65                | 50 x 80   | 0 104 62<br>(body and cover complete) |        | 0 105 82                             | 0 107 22               | 0 108 01                   | 0 106 02                                | 0 106 22                                 | 0 107 67                  | 0 107 35                      | -                              | (3)                             | 3340                             |
|  | 65                | 50 x 105  | 0 104 24<br>(body and cover complete) |        | 0 105 82                             | 0 107 00               | 0 108 01                   | 0 106 05                                | 0 106 19                                 | 0 107 86                  | 0 107 39                      | 0 107 40                       | (3)                             | 4380                             |
| 2  | 65 65             | 50 x 150  | 0 104 27<br>(body and cover complete) |        | 0 105 82                             | 0 107 03               | 2 x 0 108 01               | 0 106 06                                | 0 106 35                                 | 0 107 89                  | 0 107 35                      | 0 107 36<br>or 0 107 37        | (3)                             | 3060/3060                        |
| 3  | 40 65 40          | 50 x 170  | 0 104 67<br>(body and cover complete) |        | 0 105 82                             | 0 107 10               | 2 x 0 108 00<br>+ 0 108 01 | 0 106 50                                | 0 106 38                                 | 0 107 98                  | 0 107 35                      | 0 107 36<br>or 0 107 37        | (3)                             | 2 x 2050/2770                    |
| <b>Trunking for mounting of devices with support - 85 mm cover</b> |                   |           |                                       |        |                                      |                        |                            |   |  |                           |                               |                                |                                 |                                  |
| 1  | 85                | 35 x 105  | 0 104 63<br>(body and cover complete) |        | 0 105 82                             | 0 107 01               | 0 108 02                   | 0 106 01                                | 0 106 21                                 | 0 107 84                  | 0 107 35                      | 0 107 36                       | (4)                             | 2850                             |
|  | 85                | 50 x 105  | 0 104 64<br>(body and cover complete) |        | 0 105 82                             | 0 107 02               | 0 108 02                   | 0 106 02                                | 0 106 22                                 | 0 107 85                  | 0 107 35                      | 0 107 36<br>or 0 107 37        | (4)                             | 4300                             |
| 2  | 85 85             | 50 x 195  | 0 104 70<br>(body and cover complete) |        | 0 105 82                             | 0 107 11               | 2 x 0 108 02               | 0 106 06                                | 0 106 35                                 | 0 107 92                  | 0 107 35                      | 0 107 36<br>or 0 107 37        | (4)                             | 3940                             |

1: Classification and performance are for a mounting at an angle of 90°

2: See mounting and assembling instructions on technical sheets, boxes or on [www.export.legrand.com](http://www.export.legrand.com)

3: Mosaic supports for wiring accessories, cover width 65 mm: Cat.Nos 0 109 10/52/54/56/58

4: Universal and Mosaic supports for wiring accessories, cover width 85 mm: Cat.Nos 0 109 13/23/33/92/93/94/96/98

## Wiring capacity

### 65 mm flexible cover universal DLP trunking

| Size                                   | Number of compartments         | Cover width | Cross section (mm <sup>2</sup> ) | Capacity                        | Ø max  | Maximum wiring capacity (for a specific conductor type) |                     |                   |                   |                         |                         | Cat. 6 UTP and FTP |
|--|--------------------------------|-------------|----------------------------------|---------------------------------|--------|---|---------------------|-------------------|-------------------|-------------------------|-------------------------|--------------------|
|  |                                |             |                                  |                                 |        | 1.5 mm <sup>2</sup>                                     | 2.5 mm <sup>2</sup> | 4 mm <sup>2</sup> | 6 mm <sup>2</sup> | 3 x 1.5 mm <sup>2</sup> | 3 x 2.5 mm <sup>2</sup> |                    |
| <b>50 x 80</b><br><br>Cat.No 0 104 62  | 1 compartment                  | 65          | 3340                             | Max                             | 39     | 202   | 150                 | 131               | 97                | 29                      | 21                      | 66                 |
|  |                                |             | 1790                             | With Mosaic and Arteor support  | 2 x 18 | 108   | 80                  | 70                | 52                | 15                      | 11                      | 35                 |
|  |                                |             | 2130                             | With DIN-rail equipment support | 2 x 24 | 129   | 95                  | 84                | 62                | 18                      | 13                      | 42                 |
| <b>50 x 105</b><br><br>Cat.No 0 104 24 | 1 compartment                  | 65          | 4380                             | Max                             | 2 x 36 | 265   | 196                 | 172               | 127               | 38                      | 28                      | 87                 |
|  |                                |             | 2830                             | With Mosaic and Arteor support  | 2 x 26 | 171   | 127                 | 111               | 82                | 25                      | 18                      | 56                 |
|  |                                |             | 3170                             | With DIN-rail equipment support | 2 x 30 | 192   | 142                 | 125               | 92                | 28                      | 20                      | 63                 |
| <b>50 x 150</b><br><br>Cat.No 0 104 27 | 2 compartments                 | 65          | 3060                             | Max                             | 42     | 185   | 137                 | 120               | 89                | 27                      | 20                      | 61                 |
|  |                                |             | 1510                             | With Mosaic and Arteor support  | 18     | 91  | 67                  | 59                | 43                | 13                      | 9                       | 30                 |
|  |                                |             | 1850                             | With DIN-rail equipment support | 24     | 112   | 83                  | 73                | 53                | 16                      | 12                      | 36                 |
|  |                                | 65          | 3060                             | Max                             | 42     | 185   | 137                 | 120               | 89                | 27                      | 20                      | 61                 |
|  |                                |             | 1510                             | With Mosaic and Arteor support  | 18     | 91  | 67                  | 59                | 43                | 13                      | 9                       | 30                 |
|  |                                |             | 1850                             | With DIN-rail equipment support | 24     | 112   | 83                  | 73                | 53                | 16                      | 12                      | 36                 |
| <b>50 x 170</b><br><br>Cat.No 0 104 67 | 3 compartments                 | 40 side     | 2050                             | Max                             | 28     | 124   | 92                  | 80                | 59                | 18                      | 13                      | 40                 |
|  |                                |             | 1530                             | With Mosaic and Arteor support  | 24     | 92  | 68                  | 60                | 44                | 13                      | 10                      | 30                 |
|  |                                | 65 middle   | 2770                             | Max                             | 42     | 167   | 124                 | 109               | 80                | 24                      | 18                      | 55                 |
|  |                                |             | 1220                             | With Mosaic and Arteor support  | 14     | 73  | 54                  | 48                | 35                | 10                      | 7                       | 24                 |
|  |                                | 40 side     | 1560                             | With DIN-rail equipment support | 3 x 16 | 94  | 70                  | 61                | 45                | 13                      | 10                      | 31                 |
|  |                                |             | 2050                             | Max                             | 28     | 124   | 92                  | 80                | 59                | 18                      | 13                      | 40                 |
| 1530                                   | With Mosaic and Arteor support | 24          | 92                               | 68                              | 60     | 44  | 13                  | 10                | 30                |                         |                         |                    |

### 85 mm flexible cover universal DLP trunking

| Size                                   | Number of compartments          | Cover width | Cross section (mm <sup>2</sup> ) | Capacity                        | Ø max  | Maximum wiring capacity (for a specific conductor type) |                     |                   |                   |                         |                         | Cat. 6 UTP and FTP |
|--|---------------------------------|-------------|----------------------------------|---------------------------------|--------|---|---------------------|-------------------|-------------------|-------------------------|-------------------------|--------------------|
|  |                                 |             |                                  |                                 |        | 1.5 mm <sup>2</sup>                                     | 2.5 mm <sup>2</sup> | 4 mm <sup>2</sup> | 6 mm <sup>2</sup> | 3 x 1.5 mm <sup>2</sup> | 3 x 2.5 mm <sup>2</sup> |                    |
| <b>35 x 105</b><br><br>Cat.No 0 104 63 | 1 compartment                   | 85          | 2850                             | Max                             | 33     | 172   | 128                 | 112               | 83                | 25                      | 18                      | 56                 |
|  |                                 |             | 820                              | With Mosaic and Arteor support  | 2 x 16 | 49  | 36                  | 32                | 23                | 7                       | 5                       | 16                 |
|  |                                 |             | 590                              | With universal support          | 2 x 16 | 35  | 26                  | 23                | 17                | 5                       | 3                       | 11                 |
|  |                                 |             | 980                              | With DIN-rail equipment support | 2 x 16 | 59  | 44                  | 38                | 28                | 8                       | 6                       | 19                 |
| <b>50 x 105</b><br><br>Cat.No 0 104 64 | 1 compartment                   | 85          | 4300                             | Max                             | 42     | 260   | 113                 | 169               | 125               | 38                      | 28                      | 85                 |
|  |                                 |             | 2270                             | With Mosaic and Arteor support  | 2 x 24 | 137   | 102                 | 89                | 66                | 20                      | 14                      | 45                 |
|  |                                 |             | 1680                             | With universal support          | 2 x 16 | 99  | 73                  | 64                | 47                | 14                      | 10                      | 32                 |
|  |                                 |             | 2430                             | With DIN-rail equipment support | 2 x 21 | 147   | 109                 | 95                | 70                | 21                      | 15                      | 48                 |
| <b>50 x 195</b><br><br>Cat.No 0 104 70 | 2 compartments                  | 85          | 3940                             | Max                             | 42     | 238   | 177                 | 155               | 114               | 35                      | 25                      | 78                 |
|  |                                 |             | 1910                             | With Mosaic and Arteor support  | 26     | 115   | 85                  | 75                | 55                | 16                      | 12                      | 38                 |
|  |                                 |             | 1280                             | With universal support          | 18     | 77  | 57                  | 50                | 37                | 11                      | 8                       | 25                 |
|  |                                 | 85          | 2070                             | With DIN-rail equipment support | 24     | 125   | 93                  | 81                | 60                | 18                      | 13                      | 41                 |
|  |                                 |             | 3940                             | Max                             | 42     | 238   | 177                 | 155               | 114               | 35                      | 25                      | 78                 |
|  |                                 |             | 1910                             | With Mosaic and Arteor support  | 26     | 115   | 85                  | 75                | 55                | 16                      | 12                      | 38                 |
| 1280                                   | With universal support          | 18          | 77                               | 57                              | 50     | 37  | 11                  | 8                 | 25                |                         |                         |                    |
| 2070                                   | With DIN-rail equipment support | 24          | 125                              | 93                              | 81     | 60  | 18                  | 13                | 41                |                         |                         |                    |