

■ **New standard EN 50085-2-1**

Standard EN 50085-2-1 concerns electrical trunking systems for installation on walls or on the ceiling  
 This new system standard proposes a tiered classification which allows performance to be adapted to the target applications  
 To satisfy the requirements of NF C 15-100, Legrand has conformed to the current specifications of NF C 68-104 in terms of both performance and level of functions provided by the system  
 To this end, our installation trunking (which carries electrical wiring accessories) is type 1 in the new standard

**Classification of snap-on trunking**

| New standard 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                       | The system access cover retention  | With a tool  |
| 6.101                     | The position when surface mounted  | Wall fixed<br>Ceiling fixed<br>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 1   |
| Rated current             |  | 500 V  |
| Against mechanical shocks |  | IK 07  |

**Composition and functions for snap-on trunking**

| Size (mm)                      | Number of compartments | Cover  | Monobloc: body + cover | Cross-section (mm <sup>2</sup> ) |
|--------------------------------|------------------------|--------|------------------------|----------------------------------|
| <b>White</b>                   |                        |        |                        |                                  |
| 50 x 80<br><br>Cat.No 0756 01  | 1 compartment          | 1 x 45 | 0756 01                | 2934                             |
| 50 x 105<br><br>Cat.No 0756 02 | 1 compartment          | 1 x 45 | 0756 02                | 4098                             |
| 50 x 130<br><br>Cat.No 0756 03 | 2 compartments         | 2 x 45 | 0756 03                | 2442/2442                        |
| 50 x 145<br><br>Cat.No 0756 04 | 2 compartments         | 2 x 45 | 0756 04                | 2442/3024                        |
| 50 x 180<br><br>Cat.No 0756 06 | 3 compartments         | 3 x 45 | 0756 06                | 2442/1950/2442                   |

1. Classification and performance are for a mounting at an angle of 90°.  
 2. See mounting and assembling instructions on technical sheets, boxes.

■ Wiring capacity

| Size (mm)                      | Number of compartments | Cover width | Cross-section | Capacity                  | Ømax. | 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> | UTP & FTP Cat. 6 |
|--------------------------------|------------------------|-------------|---------------|---------------------------|-------|---------------------|---------------------|-------------------|-------------------|-------------------------|-------------------------|------------------|
| 50 x 80<br><br>Cat.No 0756 01  | 1 compartment          | 45          | 2934          | Max.                      | 38    | 177                 | 131                 | 115               | 85                | 26                      | 19                      | 58               |
|                                |                        |             | 1564          | with sockets for trunking |       | 94                  | 70                  | 61                | 45                | 13                      | 10                      | 31               |
|                                |                        |             | 1604          | with LEXIC support        |       | 97                  | 72                  | 63                | 46                | 14                      | 10                      | 32               |
| 50 x 105<br><br>Cat.No 0756 02 | 1 compartment          | 45          | 4098          | Max.                      | 38    | 248                 | 184                 | 161               | 119               | 36                      | 26                      | 81               |
|                                |                        |             | 2728          | with sockets for trunking |       | 165                 | 122                 | 107               | 79                | 24                      | 17                      | 54               |
|                                |                        |             | 2768          | with LEXIC support        |       | 167                 | 124                 | 109               | 80                | 24                      | 18                      | 55               |
| 50 x 130<br><br>Cat.No 0756 03 | 2 compartments         | 45          | 2442          | Max.                      | 38    | 148                 | 109                 | 96                | 71                | 21                      | 16                      | 48               |
|                                |                        |             | 1072          | with sockets for trunking |       | 65                  | 48                  | 42                | 31                | 9                       | 7                       | 21               |
|                                |                        |             | 1112          | with LEXIC support        |       | 67                  | 50                  | 43                | 32                | 9                       | 7                       | 22               |
|                                |                        | 45          | 2442          | Max.                      |       | 148                 | 109                 | 96                | 71                | 21                      | 16                      | 48               |
|                                |                        |             | 1072          | with sockets for trunking |       | 65                  | 48                  | 42                | 31                | 9                       | 7                       | 21               |
|                                |                        |             | 1112          | with LEXIC support        |       | 67                  | 50                  | 43                | 32                | 9                       | 7                       | 22               |
| 50 x 145<br><br>Cat.No 0756 04 | 2 compartments         | 45          | 2442          | Max.                      | 38    | 148                 | 109                 | 96                | 71                | 21                      | 16                      | 48               |
|                                |                        |             | 1072          | with sockets for trunking |       | 65                  | 48                  | 42                | 31                | 9                       | 7                       | 21               |
|                                |                        |             | 1112          | with LEXIC support        |       | 67                  | 50                  | 43                | 32                | 9                       | 7                       | 22               |
|                                |                        | 45          | 3024          | Max.                      | 38    | 183                 | 135                 | 119               | 88                | 26                      | 19                      | 60               |
|                                |                        |             | 1654          | with sockets for trunking |       | 100                 | 74                  | 65                | 48                | 14                      | 10                      | 33               |
|                                |                        |             | 1694          | with LEXIC support        |       | 102                 | 76                  | 66                | 49                | 15                      | 11                      | 33               |
| 50 x 180<br><br>Cat.No 0756 06 | 3 compartments         | 45          | 2442          | Max.                      | 38    | 148                 | 109                 | 96                | 71                | 21                      | 16                      | 48               |
|                                |                        |             | 1072          | with sockets for trunking |       | 65                  | 48                  | 42                | 31                | 9                       | 7                       | 21               |
|                                |                        |             | 1112          | with LEXIC support        |       | 67                  | 50                  | 43                | 32                | 9                       | 7                       | 22               |
|                                |                        | 45          | 1950          | Max.                      | 38    | 118                 | 87                  | 76                | 56                | 17                      | 12                      | 38               |
|                                |                        |             | 580           | with sockets for trunking |       | 35                  | 26                  | 22                | 16                | 5                       | 3                       | 11               |
|                                |                        |             | 620           | with LEXIC support        |       | 37                  | 27                  | 24                | 18                | 5                       | 4                       | 12               |
|                                |                        | 45          | 2442          | Max.                      | 38    | 148                 | 109                 | 96                | 71                | 21                      | 16                      | 48               |
|                                |                        |             | 1072          | with sockets for trunking |       | 65                  | 48                  | 42                | 31                | 9                       | 7                       | 21               |
|                                |                        |             | 1112          | with LEXIC support        |       | 67                  | 50                  | 43                | 32                | 9                       | 7                       | 22               |

■ Choice and installation of junctions

| Size (mm)                      | Horizontal trunking | Vertical trunking | Flat junctions                         | Angled junctions     | Flat junctions                         | Angled junctions     | Angled junctions     |
|--------------------------------|---------------------|-------------------|--|----------------------|--|----------------------|----------------------|
|                                |                     |                   | 50 x 80 mm                             |                      | 50 x 105 mm                            |                      | 50 x 130 mm          |
| <b>White</b>                   |                     |                   |  |                      |  |                      |                      |
| 50 x 80<br><br>Cat.No 0756 01  | 1 compartment       |                   | 0756 71                                | 0756 81<br>+ 0756 21 | -                                      | 0756 81<br>+ 0756 21 | 0756 81<br>+ 0756 21 |
| 50 x 105<br><br>Cat.No 0756 02 | 1 compartment       |                   | 0756 72                                | -                    | 0756 76                                | 0756 81<br>+ 0756 22 | 0756 81<br>+ 0756 22 |
| 50 x 130<br><br>Cat.No 0756 03 | 2 compartments      |                   | 0756 71                                | 0756 81<br>+ 0756 23 | -                                      | 0756 81<br>+ 0756 23 | 0756 81<br>+ 0756 23 |
| 50 x 145<br><br>Cat.No 0756 04 | 2 compartments      |                   | 0756 71 (upward)<br>0756 72 (downward) | 0756 81<br>+ 0756 24 | 0756 75 (upward)<br>0756 76 (downward) | 0756 81<br>+ 0756 24 | 0756 81<br>+ 0756 24 |
| 50 x 180<br><br>Cat.No 0756 06 | 3 compartments      |                   | 0756 71                                | 0756 81<br>+ 0756 26 | -                                      | 0756 81<br>+ 0756 26 | 0756 81<br>+ 0756 26 |