

Flexible cover snap-on DLP trunking

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 EN 50085-2-1 and IEC 61084-2-1 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 3 in the new standard.

Classification of flexible cover 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 Ceiling fixed Wall fixed and supported by the floor or other horizontal surface (except antimicrobial snap-on DLP trunking) |
| 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 3 |
| | Rated current | 500 V |
| | Against mechanical shocks | IK 07 |

Composition and functions for flexible cover snap-on trunking

| Cat.Nos | Size (mm) | Number of compartments | Cover | Monobloc: body + cover | Stick-on body joint | Divider ⁽²⁾ | End cap ⁽²⁾ | Internal angle ⁽¹⁾ | External angle ⁽¹⁾ | Flat angle ⁽¹⁾ | Cover joint ⁽²⁾ | Flat junction ⁽²⁾ | | Cross-section (mm ²) |
|----------------------|-----------|------------------------|--------|------------------------|---------------------|------------------------|------------------------|-------------------------------|-------------------------------|---------------------------|----------------------------|------------------------------|-----|----------------------------------|
| Black edition | | | | | | | | | | | | | | |
| 0 757 50 | 50 x 80 | 1 | 1 x 45 | 0 757 50 | 0 757 80 | 0 756 09 | 0 757 55 | 0 757 60 | 0 757 65 | 0 757 70 | 0 757 85 | 0 757 75 | (3) | 2934 |
| 0 757 52 | 50 x 130 | 2 | 2 x 45 | 0 757 52 | 0 757 80 | - | 0 757 57 | 0 757 62 | 0 757 67 | 0 757 72 | 0 757 85 | 0 757 75 | (3) | 2442/2442 |
| White | | | | | | | | | | | | | | |
| 0 756 01, 0 110 20 | 50 x 80 | 1 | 1 x 45 | 0 756 01 | 0 756 61 | 0 756 09 | 0 756 11 | 0 756 21 | 0 756 31 | 0 756 41 | 0 756 69 | 0 756 71 | (3) | 2934 |
| 0 756 02 | 50 x 105 | 1 | 1 x 45 | 0 756 02 | 0 756 62 | 0 756 09 | 0 756 12 | 0 756 22 | 0 756 32 | 0 756 42 | 0 756 69 | 0 756 18/19 | (3) | 4098 |
| 0 756 03, 0 110 22 | 50 x 130 | 2 | 2 x 45 | 0 756 03 | 0 756 61 | - | 0 756 13 | 0 756 23 | 0 756 33 | 0 756 43 | 0 756 69 | 0 756 71/75 | (3) | 2442/2442 |
| 0 756 04 | 50 x 145 | 2 | 2 x 45 | 0 756 04 | 0 756 63 | - | 0 756 14 | 0 756 24 | 0 756 34 | 0 756 44 | 0 756 69 | 0 756 71/72/75/76 | (3) | 2442/3024 |
| 0 756 06, 0 110 24 | 50 x 180 | 3 | 3 x 45 | 0 756 06 | 0 756 61 | - | 0 756 16 | 0 756 26 | 0 756 36 | 0 756 46 | 0 756 69 | 0 756 71/75 | (3) | 2442/1950/2442 |
| Grey | | | | | | | | | | | | | | |
| 0 758 00 | 50 x 80 | 1 | 1 x 45 | 0 758 00 | 0 758 33 | 0 756 09 | 0 758 05 | 0 758 10 | 0 758 15 | 0 758 20 | 0 758 35 | 0 758 25 | (3) | 2934 |
| 0 758 02 | 50 x 130 | 2 | 2 x 45 | 0 758 02 | 0 758 33 | - | 0 758 07 | 0 758 12 | 0 758 17 | 0 758 22 | 0 758 35 | 0 758 25 | (3) | 2442/2442 |
| 0 758 04 | 50 x 180 | 3 | 3 x 45 | 0 758 04 | 0 758 33 | - | 0 758 09 | 0 758 14 | 0 758 19 | 0 758 24 | 0 758 35 | 0 758 25 | (3) | 2442/1950/2442 |
| Antimicrobial | | | | | | | | | | | | | | |
| 0 757 00 | 50 x 80 | 1 | 1 x 45 | 0 757 00 | 0 757 30 | 0 756 09 | 0 757 05 | 0 757 10 | 0 757 15 | 0 757 20 | 0 757 35 | 0 757 25 | (3) | 2934 |
| 0 757 02 | 50 x 130 | 2 | 2 x 45 | 0 757 02 | 0 757 30 | 0 756 09 | 0 757 07 | 0 757 12 | 0 757 17 | 0 757 22 | 0 757 35 | 0 757 25 | (3) | 2442/2442 |
| 0 757 04 | 50 x 180 | 3 | 3 x 45 | 0 757 04 | 0 757 30 | 0 757 09 | 0 757 09 | 0 757 14 | 0 757 19 | 0 757 24 | 0 757 35 | 0 757 25 | (3) | 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, or on www.export.legrand.com
 3: Wiring accessories: Mosaic sockets Cat.Nos 0 772 02/03/12/16/17/19/20/22/23/31, 0 787 02

Wiring capacity

| Cat.Nos | Size (mm) | Number of compartments | Cover width | Cross-section | Capacity | Ømax. | 1.5 mm ² | 2.5 mm ² | 4 mm ² | 6 mm ² | 3 x 1.5 mm ² | 3 x 2.5 mm ² | UTP & FTP Cat.6 |
|---|-----------|------------------------|-------------|---------------|---------------------------|-------|---------------------|---------------------|-------------------|-------------------|-------------------------|-------------------------|-----------------|
| 0 110 20, 0 756 01, 0 757 00/50, 0 758 00 | 50 x 80 | | 45 | 2934 | Max. | 38 | 177 | 131 | 115 | 85 | 26 | 19 | 58 |
| | | | | 1564 | with sockets for trunking | | 94 | 70 | 61 | 45 | 13 | 10 | 31 |
| 0 756 02 | 50 x 105 | | 45 | 4098 | Max. | 38 | 248 | 184 | 161 | 119 | 36 | 26 | 81 |
| | | | | 2728 | with sockets for trunking | | 165 | 122 | 107 | 79 | 24 | 17 | 54 |
| 0 110 22, 0 756 03, 0 757 02/52, 0 758 02 | 50 x 130 | | 45 | 2442 | Max. | 38 | 148 | 109 | 96 | 71 | 21 | 16 | 48 |
| | | | | 1072 | with sockets for trunking | | 65 | 48 | 42 | 31 | 9 | 7 | 21 |
| | | | 45 | 1072 | with sockets for trunking | | 65 | 48 | 42 | 31 | 9 | 7 | 21 |
| 0 756 04 | 50 x 145 | | 45 | 2442 | Max. | 38 | 148 | 109 | 96 | 71 | 21 | 16 | 48 |
| | | | | 1072 | with sockets for trunking | | 65 | 48 | 42 | 31 | 9 | 7 | 21 |
| | | | 45 | 3024 | Max. | 38 | 183 | 135 | 119 | 88 | 26 | 19 | 60 |
| | | | | 1654 | with sockets for trunking | | 100 | 74 | 65 | 48 | 14 | 10 | 33 |
| 0 110 24, 0 756 06, 0 757 04, 0 758 04 | 50 x 180 | | 45 | 2442 | Max. | 38 | 148 | 109 | 96 | 71 | 21 | 16 | 48 |
| | | | | 1072 | with sockets for trunking | | 65 | 48 | 42 | 31 | 9 | 7 | 21 |
| | | | 45 | 1950 | Max. | 38 | 118 | 87 | 76 | 56 | 17 | 12 | 38 |
| | | | 45 | 580 | with sockets for trunking | | 35 | 26 | 22 | 16 | 5 | 3 | 11 |
| | | | | 2442 | Max. | 38 | 148 | 109 | 96 | 71 | 21 | 16 | 48 |
| | | | | 1072 | with sockets for trunking | | 65 | 48 | 42 | 31 | 9 | 7 | 21 |

Choice and installation of junctions

| Cat.Nos | Size (mm) | Horizontal trunking | Vertical trunking | Flat junctions | | Angled junctions | | Angled junctions | |
|----------------------|-----------|---------------------|-------------------|--|---------------------|--|---------------------|---------------------|---------------------|
| | | | | 50 x 80 mm | 50 x 105 mm | 50 x 130 mm | 50 x 130 mm | | |
| Black edition | | | | | | | | | |
| 0 757 50 | 50 x 80 | | | 0 757 75 | - | - | - | - | - |
| 0 757 52 | 50 x 130 | | | 0 757 75 | - | - | - | - | - |
| White | | | | | | | | | |
| 0 756 01, 0 110 20 | 50 x 80 | | | 0 756 71 | 0 756 81 + 0 756 21 | - | 0 756 81 + 0 756 21 | 0 756 81 + 0 756 21 | 0 756 81 + 0 756 21 |
| 0 756 02 | 50 x 105 | | | 0 756 72 | - | 0 756 76 | 0 756 81 + 0 756 22 | 0 756 81 + 0 756 22 | 0 756 81 + 0 756 22 |
| 0 756 03, 0 110 22 | 50 x 130 | | | 0 756 71 | 0 756 81 + 0 756 23 | - | 0 756 81 + 0 756 23 | 0 756 81 + 0 756 23 | 0 756 81 + 0 756 23 |
| 0 756 04 | 50 x 145 | | | 0 756 71 (upward) 0 756 72 (downward) | 0 756 81 + 0 756 24 | 0 756 75 (upward) 0 756 76 (downward) | 0 756 81 + 0 756 24 | 0 756 81 + 0 756 24 | 0 756 81 + 0 756 24 |
| 0 756 06, 0 110 24 | 50 x 180 | | | 0 756 71 | 0 756 81 + 0 756 26 | - | 0 756 81 + 0 756 26 | 0 756 81 + 0 756 26 | 0 756 81 + 0 756 26 |
| Grey | | | | | | | | | |
| 0 758 00 | 50 x 80 | | | 0 758 25 | - | - | - | - | - |
| 0 758 02 | 50 x 130 | | | 0 758 25 | - | - | - | - | - |
| 0 756 04 | 50 x 180 | | | 0 758 25 | - | - | - | - | - |
| Antimicrobial | | | | | | | | | |
| 0 757 00 | 50 x 80 | | | 0 757 25 | - | - | - | - | - |
| 0 757 02 | 50 x 130 | | | 0 757 25 | - | - | - | - | - |
| 0 757 04 | 50 x 180 | | | 0 757 25 | - | - | - | - | - |