

**ÖLFLEX® POWER LV PVC FR ARM**
**DS 382004272**

valid from: 2018-03-31

**Application**

ÖLFLEX® POWER LV PVC FR ARM is suitable for main power distribution and lighting circuits in residential and commercial buildings. Suitable for direct burial application. UV resistant outer sheath for outdoor application and anti-rodent properties is provided if resistance is required against rodents.

**Design**

|              |   |
|--------------|---|
| Conductor    | annealed bare copper Class II - in accordance to IS 8130                    |
| Standard     | IS 1554 (Part-I)  |
| Insulation   | PVC insulation – Type A in accordance to IS 5831                            |
| Inner Sheath | PVC – Type ST1 with flame retardant low smoke properties as per IS 5831     |
| Outer Sheath | PVC – Type ST1 with flame retardant low smoke properties as per IS 5831     |
| Armouring    | aluminium wire armour (WA)<br>GI wire armour (SWA)<br>GI strip armour (SSA) |

**Electrical properties**

|                 |                    |
|-----------------|--------------------|
| Nominal voltage | 1100 V             |
| Test voltage    | 3 KV for 5 minutes |

**Mechanical properties**

|                     |                     |   |
|---------------------|---------------------|---|
| Min. bending radius | fixed installation: | 12 x cable OD                                 |
| Temperature range   | fixed installation: | -5 °C up to +70 °C max. conductor temperature |

**Flame and other tests**

|              |  |
|--------------|--|
| Flammability | in acc. with IS 10810-53 / IEC 60332-1 |
| Test         | acc. to IS 10810                       |

**ÖLFLEX® POWER LV PVC FR ARM**
**DS 382004272**

valid from: 2018-03-31

| Article number                                   | Number of cores and mm <sup>2</sup> per conductor | Nominal outer diameter (mm) | Copper weight (kg/km) Approx. | Weight (kg/km) Approx. |
|--|---|-----------------------------|-------------------------------|------------------------|
| <b>ÖLFLEX® POWER LV PVC FR ARM - RIYSSWAY1BK</b> |   |                             |                               |                        |
| 382004272  | 2x1.5   | 13.6                        | 26.6                          | 391.7                  |
| 382004273  | 3x1.5   | 14.1                        | 40.0                          | 439.9                  |
| 382004274  | 4x1.5   | 15.0                        | 53.3                          | 500.4                  |
| 382004275  | 5x1.5   | 15.9                        | 66.6                          | 562.8                  |
| 382004276  | 6x1.5   | 16.8                        | 79.9                          | 587.1                  |
| 382004277  | 7x1.5   | 16.8                        | 93.2                          | 609.6                  |
| 382004278  | 8x1.5   | 18.3                        | 106.6                         | 684.8                  |
| 382004279  | 9x1.5   | 19.8                        | 119.9                         | 762.2                  |
| 382004332  | 2x2.5   | 14.8                        | 43.5                          | 475.2                  |
| 382004333  | 3x2.5   | 15.4                        | 65.2                          | 522.3                  |
| 382004334  | 4x2.5   | 16.4                        | 87.0                          | 607.8                  |
| 382004335  | 5x2.5   | 17.5                        | 108.7                         | 687.0                  |
| 382004336  | 6x2.5   | 18.6                        | 130.5                         | 725.6                  |
| 382004337  | 7x2.5   | 18.6                        | 152.2                         | 759.8                  |
| 382004411  | 2x4   | 16.2                        | 69.2                          | 575.4                  |
| 382004412  | 2x6   | 17.4                        | 103.6                         | 679.2                  |
| 382004413  | 2x10  | 19.6                        | 174.3                         | 869.8                  |
| 382004426  | 3x4   | 16.9                        | 103.8                         | 650.4                  |
| 382004427  | 3x6   | 18.2                        | 155.4                         | 773.1                  |
| 382004452  | 4x4   | 18.1                        | 138.4                         | 744.7                  |
| 382004453  | 4x6   | 20.0                        | 207.2                         | 923.6                  |
| <b>ÖLFLEX® POWER LV PVC FR ARM - RIYSSAY1BK</b>  |   |                             |                               |                        |
| 382004280  | 10x1.5  | 18.8                        | 133.2                         | 675.9                  |
| 382004281  | 11x1.5  | 18.8                        | 146.5                         | 698.4                  |
| 382004282  | 12x1.5  | 19.7                        | 159.8                         | 770.4                  |
| 382004283  | 13x1.5  | 20.5                        | 173.2                         | 802.1                  |
| 382004284  | 14x1.5  | 20.5                        | 186.5                         | 824.6                  |
| 382004285  | 15x1.5  | 21.5                        | 199.8                         | 884.1                  |
| 382004286  | 16x1.5  | 21.5                        | 213.1                         | 906.6                  |
| 382004287  | 17x1.5  | 22.4                        | 226.4                         | 965.0                  |
| 382004288  | 18x1.5  | 22.4                        | 239.7                         | 987.5                  |
| 382004289  | 19x1.5  | 22.4                        | 253.1                         | 1,010.0                |
| 382004290  | 20x1.5  | 23.5                        | 266.4                         | 1,045.2                |
| 382004291  | 21x1.5  | 23.5                        | 279.7                         | 1,067.7                |
| 382004292  | 22x1.5  | 24.6                        | 293.0                         | 1,128.4                |
| 382004293  | 23x1.5  | 24.6                        | 306.3                         | 1,150.9                |
| 382004294  | 24x1.5  | 25.6                        | 319.7                         | 1,210.5                |
| 382004295  | 25x1.5  | 25.6                        | 333.0                         | 1,233.0                |
| 382004296  | 26x1.5  | 25.6                        | 346.3                         | 1,255.5                |
| 382004297  | 27x1.5  | 26.1                        | 359.6                         | 1,309.3                |
| 382004298  | 28x1.5  | 26.9                        | 372.9                         | 1,341.0                |
| 382004299  | 29x1.5  | 26.9                        | 386.3                         | 1,363.5                |
| 382004300  | 30x1.5  | 26.9                        | 399.6                         | 1,386.0                |
| 382004301  | 31x1.5  | 27.9                        | 412.9                         | 1,445.5                |
| 382004302  | 32x1.5  | 27.9                        | 426.2                         | 1,468.0                |
| 382004303  | 33x1.5  | 27.9                        | 439.5                         | 1,490.5                |
| 382004304  | 34x1.5  | 28.8                        | 452.9                         | 1,548.9                |
| 382004305  | 35x1.5  | 28.8                        | 466.2                         | 1,571.4                |
| 382004306  | 36x1.5  | 28.8                        | 479.5                         | 1,593.9                |
| 382004307  | 37x1.5  | 28.8                        | 492.8                         | 1,616.4                |
| 382004308  | 38x1.5  | 30.3                        | 506.1                         | 1,705.9                |
| 382004309  | 39x1.5  | 30.3                        | 519.5                         | 1,728.4                |
| 382004310  | 40x1.5  | 30.3                        | 532.8                         | 1,750.9                |
| 382004311  | 41x1.5  | 31.4                        | 546.1                         | 1,787.2                |
| 382004312  | 42x1.5  | 31.4                        | 559.4                         | 1,809.7                |
| 382004313  | 43x1.5  | 31.4                        | 572.7                         | 1,832.2                |
| 382004314  | 44x1.5  | 32.4                        | 586.1                         | 1,892.7                |
| 382004315  | 45x1.5  | 32.4                        | 599.4                         | 1,915.2                |
| 382004316  | 46x1.5  | 32.4                        | 612.7                         | 1,937.7                |
| 382004317  | 47x1.5  | 32.4                        | 626.0                         | 1,960.2                |
| 382004318  | 48x1.5  | 32.9                        | 639.3                         | 2,014.5                |
| 382004319  | 49x1.5  | 32.9                        | 652.6                         | 2,037.0                |
| 382004320  | 50x1.5  | 32.9                        | 666.0                         | 2,059.5                |
| 382004321  | 51x1.5  | 32.9                        | 679.3                         | 2,082.0                |
| 382004322  | 52x1.5  | 33.7                        | 692.6                         | 2,114.4                |
| 382004323  | 53x1.5  | 33.7                        | 705.9                         | 2,137.0                |
| 382004324  | 54x1.5  | 33.7                        | 719.2                         | 2,159.5                |
| 382004325  | 55x1.5  | 33.7                        | 732.6                         | 2,182.0                |
| 382004326  | 56x1.5  | 33.7                        | 745.9                         | 2,204.5                |
| 382004327  | 57x1.5  | 33.7                        | 759.2                         | 2,227.0                |
| 382004328  | 58x1.5  | 33.7                        | 772.5                         | 2,249.5                |
| 382004329  | 59x1.5  | 33.7                        | 785.8                         | 2,272.0                |
| 382004330  | 60x1.5  | 33.7                        | 799.2                         | 2,294.5                |
| 382004331  | 61x1.5  | 35.6                        | 812.5                         | 2,391.7                |

| Article number | Number of cores and mm <sup>2</sup> per conductor | Nominal outer diameter (mm) | Copper weight (kg/km) Approx. | Weight (kg/km) Approx. |
|----------------|---|-----------------------------|-------------------------------|------------------------|
| 382004338      | 8x2.5   | 19.5                        | 174.0                         | 746.4                  |
| 382004339      | 9x2.5   | 20.9                        | 195.7                         | 822.2                  |
| 382004340      | 10x2.5  | 21.6                        | 217.5                         | 890.1                  |
| 382004341      | 11x2.5  | 21.6                        | 239.2                         | 924.3                  |
| 382004342      | 12x2.5  | 22.2                        | 261.0                         | 965.4                  |
| 382004343      | 13x2.5  | 23.2                        | 282.7                         | 1,036.7                |
| 382004344      | 14x2.5  | 23.2                        | 304.5                         | 1,071.0                |
| 382004345      | 15x2.5  | 24.3                        | 326.2                         | 1,143.4                |
| 382004346      | 16x2.5  | 24.3                        | 348.0                         | 1,177.6                |
| 382004347      | 17x2.5  | 25.4                        | 369.7                         | 1,250.1                |
| 382004348      | 18x2.5  | 25.4                        | 391.5                         | 1,284.3                |
| 382004349      | 19x2.5  | 25.4                        | 413.2                         | 1,318.5                |
| 382004350      | 20x2.5  | 26.7                        | 435.0                         | 1,393.3                |
| 382004351      | 21x2.5  | 26.7                        | 456.7                         | 1,427.5                |
| 382004352      | 22x2.5  | 28.0                        | 478.5                         | 1,502.2                |
| 382004353      | 23x2.5  | 28.0                        | 500.2                         | 1,536.5                |
| 382004354      | 24x2.5  | 29.2                        | 522.0                         | 1,610.0                |
| 382004355      | 25x2.5  | 29.2                        | 543.7                         | 1,644.3                |
| 382004356      | 26x2.5  | 29.2                        | 565.5                         | 1,678.5                |
| 382004357      | 27x2.5  | 30.2                        | 587.2                         | 1,748.4                |
| 382004358      | 28x2.5  | 31.2                        | 609.0                         | 1,820.6                |
| 382004359      | 29x2.5  | 31.2                        | 630.7                         | 1,854.8                |
| 382004360      | 30x2.5  | 31.2                        | 652.5                         | 1,889.1                |
| 382004361      | 31x2.5  | 32.3                        | 674.2                         | 1,962.5                |
| 382004362      | 32x2.5  | 32.3                        | 696.0                         | 1,996.8                |
| 382004363      | 33x2.5  | 32.3                        | 717.7                         | 2,031.0                |
| 382004364      | 34x2.5  | 33.4                        | 739.5                         | 2,104.5                |
| 382004365      | 35x2.5  | 33.4                        | 761.2                         | 2,138.7                |
| 382004366      | 36x2.5  | 33.4                        | 783.0                         | 2,173.0                |
| 382004367      | 37x2.5  | 33.4                        | 804.7                         | 2,207.2                |
| 382004368      | 38x2.5  | 34.7                        | 826.5                         | 2,283.2                |
| 382004369      | 39x2.5  | 34.7                        | 848.2                         | 2,317.4                |
| 382004370      | 40x2.5  | 34.7                        | 870.0                         | 2,351.6                |
| 382004371      | 41x2.5  | 36.0                        | 891.7                         | 2,427.6                |
| 382004372      | 42x2.5  | 36.0                        | 913.5                         | 2,461.9                |
| 382004373      | 43x2.5  | 36.0                        | 935.2                         | 2,496.1                |
| 382004374      | 44x2.5  | 37.1                        | 957.0                         | 2,570.8                |
| 382004375      | 45x2.5  | 37.2                        | 978.7                         | 2,605.1                |
| 382004376      | 46x2.5  | 37.2                        | 1000.5                        | 2,639.3                |
| 382004377      | 47x2.5  | 37.2                        | 1022.2                        | 2,673.5                |
| 382004378      | 48x2.5  | 37.8                        | 1044.0                        | 2,715.2                |
| 382004379      | 49x2.5  | 37.8                        | 1065.7                        | 2,749.5                |
| 382004380      | 50x2.5  | 37.8                        | 1087.5                        | 2,783.7                |
| 382004381      | 51x2.5  | 37.8                        | 1109.2                        | 2,817.9                |
| 382004382      | 52x2.5  | 38.8                        | 1131.0                        | 2,890.2                |
| 382004383      | 53x2.5  | 38.8                        | 1152.7                        | 2,924.4                |
| 382004384      | 54x2.5  | 38.8                        | 1174.5                        | 2,958.6                |
| 382004385      | 55x2.5  | 38.8                        | 1196.2                        | 2,992.9                |
| 382004386      | 56x2.5  | 38.8                        | 1218.0                        | 3,027.1                |
| 382004387      | 57x2.5  | 38.8                        | 1239.7                        | 3,061.3                |
| 382004388      | 58x2.5  | 38.8                        | 1261.5                        | 3,095.6                |
| 382004389      | 59x2.5  | 38.8                        | 1283.2                        | 3,129.8                |
| 382004390      | 60x2.5  | 38.8                        | 1305.0                        | 3,164.0                |
| 382004391      | 61x2.5  | 41.4                        | 1326.7                        | 3,316.2                |
| 382004414      | 2x16  | 20.6                        | 277.4                         | 971.9                  |
| 382004415      | 2x25  | 24.0                        | 438.8                         | 1,343.8                |
| 382004416      | 2x35  | 26.4                        | 608.9                         | 1,661.1                |
| 382004417      | 2x50  | 26.3                        | 820.2                         | 1,654.1                |
| 382004418      | 2x70  | 28.0                        | 1184.4                        | 2,089.8                |
| 382004419      | 2x95  | 32.2                        | 1644.7                        | 2,755.2                |
| 382004420      | 2x120   | 34.2                        | 2074.6                        | 3,283.6                |
| 382004421      | 2x150   | 35.9                        | 2559.8                        | 3,874.4                |
| 382004422      | 2x185   | 39.8                        | 3203.0                        | 4,748.2                |
| 382004423      | 2x240   | 44.4                        | 4209.8                        | 5,986.2                |
| 382004424      | 2x300   | 48.3                        | 5281.5                        | 7,331.1                |
| 382004425      | 2x400   | 53.0                        | 6753.6                        | 9,118.8                |
| 382004428      | 3x10  | 19.4                        | 261.5                         | 882.0                  |
| 382004429      | 3x16  | 21.8                        | 416.1                         | 1,161.8                |
| 382004430      | 3x25  | 25.4                        | 658.3                         | 1,617.7                |
| 382004431      | 3x35  | 28.0                        | 913.3                         | 2,020.5                |
| 382004432      | 3x50  | 29.0                        | 1230.3                        | 2,213.3                |
| 382004433      | 3x70  | 32.2                        | 1776.6                        | 2,912.9                |
| 382004434      | 3x95  | 36.2                        | 2467.0                        | 3,811.6                |
| 382004435      | 3x120   | 38.9                        | 3112.0                        | 4,575.0                |
| 382004436      | 3x150   | 42.8                        | 3839.7                        | 5,551.8                |

**ÖLFLEX® POWER LV PVC FR ARM**
**DS 382004272**

valid from: 2018-03-31

| Article number                                      | Number of cores and mm <sup>2</sup> per conductor | Nominal outer diameter (mm) | Copper weight (kg/km) Approx. | Weight (kg/km) Approx. |
|---|---|-----------------------------|-------------------------------|------------------------|
| <b>ÖLFLEX® POWER LV PVC FR ARM - RIYSSAY1BK</b>     |   |                             |                               |                        |
| 382004437   | 3x185   | 46.2                        | 4804.5                        | 6,761.3                |
| 382004438   | 3x240   | 52.5                        | 6314.7                        | 8,651.5                |
| 382004439   | 3x300   | 58.6                        | 7922.3                        | 10,682.5               |
| 382004440   | 3x400   | 64.7                        | 10130.4                       | 13,357.0               |
| 382004441   | 3.5x25  | 26.3                        | 797.0                         | 1,655.7                |
| 382004442   | 3.5x35  | 28.3                        | 1052.0                        | 1,979.4                |
| 382004443   | 3.5x50  | 31.4                        | 1449.7                        | 2,554.2                |
| 382004444   | 3.5x70  | 34.2                        | 2081.0                        | 3,343.3                |
| 382004445   | 3.5x95  | 39.2                        | 2877.1                        | 4,377.0                |
| 382004446   | 3.5x120   | 42.1                        | 3704.2                        | 5,373.5                |
| 382004447   | 3.5x150   | 46.2                        | 4431.9                        | 6,359.6                |
| 382004448   | 3.5x185   | 51.0                        | 5626.9                        | 7,883.7                |
| 382004449   | 3.5x240   | 57.9                        | 7352.0                        | 10,039.2               |
| 382004450   | 3.5x300   | 63.0                        | 9202.2                        | 12,311.0               |
| 382004451   | 3.5x400   | 70.8                        | 11731.9                       | 15,437.0               |
| 382004454   | 4x10  | 20.9                        | 348.7                         | 1,042.7                |
| 382004455   | 4x16  | 23.6                        | 554.8                         | 1,412.0                |
| 382004456   | 4x25  | 27.7                        | 877.7                         | 1,977.3                |
| 382004457   | 4x35  | 31.0                        | 1217.7                        | 2,509.6                |
| 382004458   | 4x50  | 33.2                        | 1640.4                        | 2,841.9                |
| 382004459   | 4x70  | 37.2                        | 2368.8                        | 3,749.3                |
| 382004460   | 4x95  | 41.3                        | 3289.3                        | 4,941.4                |
| 382004461   | 4x120   | 45.2                        | 4149.3                        | 6,012.9                |
| 382004462   | 4x150   | 49.2                        | 5119.7                        | 7,235.0                |
| 382004463   | 4x185   | 54.8                        | 6406.0                        | 8,872.8                |
| 382004464   | 4x240   | 62.0                        | 8419.6                        | 11,413.5               |
| 382004465   | 4x300   | 68.1                        | 10563.0                       | 14,055.3               |
| <b>ÖLFLEX® POWER LV PVC FR ARM - RIYSSAY1BK</b>     |   |                             |                               |                        |
| 382004392   | 1x4   | 11.0                        | 34.6                          | 263.4                  |
| 382004393   | 1x6   | 11.6                        | 51.8                          | 313.3                  |
| 382004394   | 1x10  | 12.5                        | 87.2                          | 385.5                  |
| 382004395   | 1x16  | 13.6                        | 138.7                         | 476.7                  |
| 382004396   | 1x25  | 15.3                        | 219.4                         | 636.0                  |
| 382004397   | 1x35  | 16.5                        | 304.4                         | 775.3                  |
| 382004398   | 1x50  | 18.0                        | 410.1                         | 948.3                  |
| <b>ÖLFLEX® POWER LV PVC FR ARM - RIYSSAY1BK</b>     |   |                             |                               |                        |
| 382004399   | 1x70  | 19.2                        | 592.2                         | 1,120.0                |
| 382004400   | 1x95  | 21.5                        | 822.3                         | 1,451.3                |
| 382004401   | 1x120   | 23.0                        | 1037.3                        | 1,718.1                |
| 382004402   | 1x150   | 24.9                        | 1279.9                        | 2,060.0                |
| 382004403   | 1x185   | 27.2                        | 1601.5                        | 2,466.4                |
| 382004404   | 1x240   | 30.5                        | 2104.9                        | 3,150.9                |
| 382004405   | 1x300   | 33.4                        | 2640.8                        | 3,821.3                |
| 382004406   | 1x400   | 36.9                        | 3376.8                        | 4,748.6                |
| 382004407   | 1x500   | 41.7                        | 4336.3                        | 5,984.9                |
| 382004408   | 1x630   | 46.7                        | 5608.1                        | 7,604.5                |
| 382004409   | 1x800   | 51.0                        | 7181.4                        | 9,401.4                |
| 382004410   | 1x1000  | 55.8                        | 9017.6                        | 11,500.9               |
| <b>ÖLFLEX® POWER LV PVC FR ARM - RIYSSAYUVAR1BK</b> |   |                             |                               |                        |
| 382004466   | 2x1.5   | 13.6                        | 26.6                          | 391.7                  |
| 382004467   | 3x1.5   | 14.1                        | 40.0                          | 439.9                  |
| 382004468   | 4x1.5   | 15.0                        | 53.3                          | 500.4                  |
| 382004469   | 5x1.5   | 15.9                        | 66.6                          | 562.8                  |
| 382004470   | 6x1.5   | 16.8                        | 79.9                          | 587.1                  |
| 382004471   | 7x1.5   | 16.8                        | 93.2                          | 609.6                  |
| 382004472   | 8x1.5   | 18.3                        | 106.6                         | 684.8                  |
| 382004473   | 9x1.5   | 19.8                        | 119.9                         | 762.2                  |
| 382004526   | 2x2.5   | 14.8                        | 43.5                          | 475.2                  |
| 382004527   | 3x2.5   | 15.4                        | 65.2                          | 522.3                  |
| 382004528   | 4x2.5   | 16.4                        | 87.0                          | 607.8                  |
| 382004529   | 5x2.5   | 17.5                        | 108.7                         | 687.0                  |
| 382004530   | 6x2.5   | 18.6                        | 130.5                         | 725.6                  |
| 382004531   | 7x2.5   | 18.6                        | 152.2                         | 759.8                  |
| 382004605   | 2x4   | 16.2                        | 69.2                          | 575.4                  |
| 382004606   | 2x6   | 17.4                        | 103.6                         | 679.2                  |
| 382004607   | 2x10  | 19.6                        | 174.3                         | 869.8                  |
| 382004620   | 3x4   | 16.9                        | 103.8                         | 650.4                  |
| 382004621   | 3x6   | 18.2                        | 155.4                         | 773.1                  |
| 382004646   | 4x4   | 18.1                        | 138.4                         | 744.7                  |
| 382004647   | 4x6   | 20.0                        | 207.2                         | 923.6                  |
| <b>ÖLFLEX® POWER LV PVC FR ARM - RIYSSAYUVAR1BK</b> |   |                             |                               |                        |
| 382004474   | 10x1.5  | 18.8                        | 133.2                         | 675.9                  |
| 382004475   | 11x1.5  | 18.8                        | 146.5                         | 698.4                  |
| 382004476   | 12x1.5  | 19.7                        | 159.8                         | 770.4                  |

| Article number | Number of cores and mm <sup>2</sup> per conductor | Nominal outer diameter (mm) | Copper weight (kg/km) Approx. | Weight (kg/km) Approx. |
|----------------|---|-----------------------------|-------------------------------|------------------------|
| 382004477      | 13x1.5  | 20.5                        | 173.2                         | 802.1                  |
| 382004478      | 14x1.5  | 20.5                        | 186.5                         | 824.6                  |
| 382004479      | 15x1.5  | 21.5                        | 199.8                         | 884.1                  |
| 382004480      | 16x1.5  | 21.5                        | 213.1                         | 906.6                  |
| 382004481      | 17x1.5  | 22.4                        | 226.4                         | 965.0                  |
| 382004482      | 18x1.5  | 22.4                        | 239.7                         | 987.5                  |
| 382004483      | 19x1.5  | 22.4                        | 253.1                         | 1,010.0                |
| 382004484      | 20x1.5  | 23.5                        | 266.4                         | 1,045.2                |
| 382004485      | 21x1.5  | 23.5                        | 279.7                         | 1,067.7                |
| 382004486      | 22x1.5  | 24.6                        | 293.0                         | 1,128.4                |
| 382004487      | 23x1.5  | 24.6                        | 306.3                         | 1,150.9                |
| 382004488      | 24x1.5  | 25.6                        | 319.7                         | 1,210.5                |
| 382004489      | 25x1.5  | 25.6                        | 333.0                         | 1,233.0                |
| 382004490      | 26x1.5  | 25.6                        | 346.3                         | 1,255.5                |
| 382004491      | 27x1.5  | 26.1                        | 359.6                         | 1,309.3                |
| 382004492      | 28x1.5  | 26.9                        | 372.9                         | 1,341.0                |
| 382004493      | 29x1.5  | 26.9                        | 386.3                         | 1,363.5                |
| 382004494      | 30x1.5  | 26.9                        | 399.6                         | 1,386.0                |
| 382004495      | 31x1.5  | 27.9                        | 412.9                         | 1,445.5                |
| 382004496      | 32x1.5  | 27.9                        | 426.2                         | 1,468.0                |
| 382004497      | 33x1.5  | 27.9                        | 439.5                         | 1,490.5                |
| 382004498      | 34x1.5  | 28.8                        | 452.9                         | 1,548.9                |
| 382004499      | 35x1.5  | 28.8                        | 466.2                         | 1,571.4                |
| 382004500      | 36x1.5  | 28.8                        | 479.5                         | 1,593.9                |
| 382004501      | 37x1.5  | 28.8                        | 492.8                         | 1,616.4                |
| 382004502      | 38x1.5  | 30.3                        | 506.1                         | 1,705.9                |
| 382004503      | 39x1.5  | 30.3                        | 519.5                         | 1,728.4                |
| 382004504      | 40x1.5  | 30.3                        | 532.8                         | 1,750.9                |
| 382004505      | 41x1.5  | 31.4                        | 546.1                         | 1,787.2                |
| 382004506      | 42x1.5  | 31.4                        | 559.4                         | 1,809.7                |
| 382004507      | 43x1.5  | 31.4                        | 572.7                         | 1,832.2                |
| 382004508      | 44x1.5  | 32.4                        | 586.1                         | 1,892.7                |
| 382004509      | 45x1.5  | 32.4                        | 599.4                         | 1,915.2                |
| 382004510      | 46x1.5  | 32.4                        | 612.7                         | 1,937.7                |
| 382004511      | 47x1.5  | 32.4                        | 626.0                         | 1,960.2                |
| 382004512      | 48x1.5  | 32.9                        | 639.3                         | 2,014.5                |
| 382004513      | 49x1.5  | 32.9                        | 652.6                         | 2,037.0                |
| 382004514      | 50x1.5  | 32.9                        | 666.0                         | 2,059.5                |
| 382004515      | 51x1.5  | 32.9                        | 679.3                         | 2,082.0                |
| 382004516      | 52x1.5  | 33.7                        | 692.6                         | 2,114.4                |
| 382004517      | 53x1.5  | 33.7                        | 705.9                         | 2,137.0                |
| 382004518      | 54x1.5  | 33.7                        | 719.2                         | 2,159.5                |
| 382004519      | 55x1.5  | 33.7                        | 732.6                         | 2,182.0                |
| 382004520      | 56x1.5  | 33.7                        | 745.9                         | 2,204.5                |
| 382004521      | 57x1.5  | 33.7                        | 759.2                         | 2,227.0                |
| 382004522      | 58x1.5  | 33.7                        | 772.5                         | 2,249.5                |
| 382004523      | 59x1.5  | 33.7                        | 785.8                         | 2,272.0                |
| 382004524      | 60x1.5  | 33.7                        | 799.2                         | 2,294.5                |
| 382004525      | 61x1.5  | 35.6                        | 812.5                         | 2,391.7                |
| 382004532      | 8x2.5   | 19.5                        | 174.0                         | 746.4                  |
| 382004533      | 9x2.5   | 20.9                        | 195.7                         | 822.2                  |
| 382004534      | 10x2.5  | 21.6                        | 217.5                         | 890.1                  |
| 382004535      | 11x2.5  | 21.6                        | 239.2                         | 924.3                  |
| 382004536      | 12x2.5  | 22.2                        | 261.0                         | 965.4                  |
| 382004537      | 13x2.5  | 23.2                        | 282.7                         | 1,036.7                |
| 382004538      | 14x2.5  | 23.2                        | 304.5                         | 1,071.0                |
| 382004539      | 15x2.5  | 24.3                        | 326.2                         | 1,143.4                |
| 382004540      | 16x2.5  | 24.3                        | 348.0                         | 1,177.6                |
| 382004541      | 17x2.5  | 25.4                        | 369.7                         | 1,250.1                |
| 382004542      | 18x2.5  | 25.4                        | 391.5                         | 1,284.3                |
| 382004543      | 19x2.5  | 25.4                        | 413.2                         | 1,318.5                |
| 382004544      | 20x2.5  | 26.7                        | 435.0                         | 1,393.3                |
| 382004545      | 21x2.5  | 26.7                        | 456.7                         | 1,427.5                |
| 382004546      | 22x2.5  | 28.0                        | 478.5                         | 1,502.2                |
| 382004547      | 23x2.5  | 28.0                        | 500.2                         | 1,536.5                |
| 382004548      | 24x2.5  | 29.2                        | 522.0                         | 1,610.0                |
| 382004549      | 25x2.5  | 29.2                        | 543.7                         | 1,644.3                |
| 382004550      | 26x2.5  | 29.2                        | 565.5                         | 1,678.5                |
| 382004551      | 27x2.5  | 30.2                        | 587.2                         | 1,748.4                |
| 382004552      | 28x2.5  | 31.2                        | 609.0                         | 1,820.6                |
| 382004553      | 29x2.5  | 31.2                        | 630.7                         | 1,854.8                |
| 382004554      | 30x2.5  | 31.2                        | 652.5                         | 1,889.1                |
| 382004555      | 31x2.5  | 32.3                        | 674.2                         | 1,962.5                |
| 382004556      | 32x2.5  | 32.3                        | 696.0                         | 1,996.8                |
| 382004557      | 33x2.5  | 32.3                        | 717.7                         | 2,031.0                |

**ÖLFLEX® POWER LV PVC FR ARM**
**DS 382004272**

valid from: 2018-03-31

| Article number                                      | Number of cores and mm <sup>2</sup> per conductor | Nominal outer diameter (mm) | Copper weight (kg/km) Approx. | Weight (kg/km) Approx. |
|---|---|-----------------------------|-------------------------------|------------------------|
| <b>ÖLFLEX® POWER LV PVC FR ARM - RIYSSAYUVAR1BK</b> |   |                             |                               |                        |
| 382004558   | 34x2.5  | 33.4                        | 739.5                         | 2,104.5                |
| 382004559   | 35x2.5  | 33.4                        | 761.2                         | 2,138.7                |
| 382004560   | 36x2.5  | 33.4                        | 783.0                         | 2,173.0                |
| 382004561   | 37x2.5  | 33.4                        | 804.7                         | 2,207.2                |
| 382004562   | 38x2.5  | 34.7                        | 826.5                         | 2,283.2                |
| 382004563   | 39x2.5  | 34.7                        | 848.2                         | 2,317.4                |
| 382004564   | 40x2.5  | 34.7                        | 870.0                         | 2,351.6                |
| 382004565   | 41x2.5  | 36.0                        | 891.7                         | 2,427.6                |
| 382004566   | 42x2.5  | 36.0                        | 913.5                         | 2,461.9                |
| 382004567   | 43x2.5  | 36.0                        | 935.2                         | 2,496.1                |
| 382004568   | 44x2.5  | 37.2                        | 957.0                         | 2,570.8                |
| 382004569   | 45x2.5  | 37.2                        | 978.7                         | 2,605.1                |
| 382004570   | 46x2.5  | 37.2                        | 1000.5                        | 2,639.3                |
| 382004571   | 47x2.5  | 37.2                        | 1022.2                        | 2,673.5                |
| 382004572   | 48x2.5  | 37.8                        | 1044.0                        | 2,715.2                |
| 382004573   | 49x2.5  | 37.8                        | 1065.7                        | 2,749.5                |
| 382004574   | 50x2.5  | 37.8                        | 1087.5                        | 2,783.7                |
| 382004575   | 51x2.5  | 37.8                        | 1109.2                        | 2,817.9                |
| 382004576   | 52x2.5  | 38.8                        | 1131.0                        | 2,890.2                |
| 382004577   | 53x2.5  | 38.8                        | 1152.7                        | 2,924.4                |
| 382004578   | 54x2.5  | 38.8                        | 1174.5                        | 2,958.6                |
| 382004579   | 55x2.5  | 38.8                        | 1196.2                        | 2,992.9                |
| 382004580   | 56x2.5  | 38.8                        | 1218.0                        | 3,027.1                |
| 382004581   | 57x2.5  | 38.8                        | 1239.7                        | 3,061.3                |
| 382004582   | 58x2.5  | 38.8                        | 1261.5                        | 3,095.6                |
| 382004583   | 59x2.5  | 38.8                        | 1283.2                        | 3,129.8                |
| 382004584   | 60x2.5  | 38.8                        | 1305.0                        | 3,164.0                |
| 382004585   | 61x2.5  | 41.4                        | 1326.7                        | 3,316.2                |
| 382004608   | 2x16  | 20.6                        | 277.4                         | 971.9                  |
| 382004609   | 2x25  | 24.0                        | 438.8                         | 1,343.8                |
| 382004610   | 2x35  | 26.4                        | 608.9                         | 1,661.1                |
| 382004611   | 2x50  | 26.3                        | 820.2                         | 1,654.1                |
| 382004612   | 2x70  | 28.0                        | 1184.4                        | 2,089.8                |
| 382004613   | 2x95  | 32.2                        | 1644.7                        | 2,755.2                |
| 382004614   | 2x120   | 34.2                        | 2074.6                        | 3,283.6                |
| 382004615   | 2x150   | 35.9                        | 2559.8                        | 3,874.4                |
| 382004616   | 2x185   | 39.8                        | 3203.0                        | 4,748.2                |
| 382004617   | 2x240   | 44.4                        | 4209.8                        | 5,986.2                |
| 382004618   | 2x300   | 48.3                        | 5281.5                        | 7,331.1                |
| 382004619   | 2x400   | 53.0                        | 6753.6                        | 9,118.8                |
| 382004622   | 3x10  | 19.4                        | 261.5                         | 882.0                  |
| 382004623   | 3x16  | 21.8                        | 416.1                         | 1,161.8                |
| 382004624   | 3x25  | 25.4                        | 658.3                         | 1,617.7                |
| 382004625   | 3x35  | 28.0                        | 913.3                         | 2,020.5                |
| 382004626   | 3x50  | 29.0                        | 1230.3                        | 2,213.3                |
| 382004627   | 3x70  | 32.2                        | 1776.6                        | 2,912.9                |
| 382004628   | 3x95  | 36.2                        | 2467.0                        | 3,811.6                |
| 382004629   | 3x120   | 38.9                        | 3112.0                        | 4,575.0                |
| 382004630   | 3x150   | 42.8                        | 3839.7                        | 5,551.8                |
| 382004631   | 3x185   | 46.2                        | 4804.5                        | 6,761.3                |
| 382004632   | 3x240   | 52.5                        | 6314.7                        | 8,651.5                |
| 382004633   | 3x300   | 58.6                        | 7922.3                        | 10,682.5               |
| 382004634   | 3x400   | 64.7                        | 10130.4                       | 13,357.0               |
| 382004635   | 3.5x25  | 26.3                        | 797.0                         | 1,655.7                |
| 382004636   | 3.5x35  | 28.3                        | 1052.0                        | 1,979.4                |
| 382004637   | 3.5x50  | 31.4                        | 1449.7                        | 2,554.2                |
| 382004638   | 3.5x70  | 34.2                        | 2081.0                        | 3,343.3                |
| 382004639   | 3.5x95  | 39.2                        | 2877.1                        | 4,377.0                |
| 382004640   | 3.5x120   | 42.1                        | 3704.2                        | 5,373.5                |
| 382004641   | 3.5x150   | 46.2                        | 4431.9                        | 6,359.6                |
| 382004642   | 3.5x185   | 51.0                        | 5626.9                        | 7,883.7                |
| 382004643   | 3.5x240   | 57.9                        | 7352.0                        | 10,039.2               |
| 382004644   | 3.5x300   | 63.0                        | 9202.2                        | 12,311.0               |
| 382004645   | 3.5x400   | 70.8                        | 11731.9                       | 15,437.0               |
| 382004648   | 4x10  | 20.9                        | 348.7                         | 1,042.7                |
| 382004649   | 4x16  | 23.6                        | 554.8                         | 1,412.0                |
| 382004650   | 4x25  | 27.7                        | 877.7                         | 1,977.3                |
| 382004651   | 4x35  | 31.0                        | 1217.7                        | 2,509.6                |
| 382004652   | 4x50  | 33.2                        | 1640.4                        | 2,841.9                |
| 382004653   | 4x70  | 37.2                        | 2368.8                        | 3,749.3                |
| 382004654   | 4x95  | 41.3                        | 3289.3                        | 4,941.4                |
| 382004655   | 4x120   | 45.2                        | 4149.3                        | 6,012.9                |
| 382004656   | 4x150   | 49.2                        | 5119.7                        | 7,235.0                |

| Article number                                      | Number of cores and mm <sup>2</sup> per conductor | Nominal outer diameter (mm) | Copper weight (kg/km) Approx. | Weight (kg/km) Approx. |
|---|---|-----------------------------|-------------------------------|------------------------|
| 382004657   | 4x185   | 54.8                        | 6406.0                        | 8,872.8                |
| 382004658   | 4x240   | 62.0                        | 8419.6                        | 11,413.5               |
| 382004659   | 4x300   | 68.1                        | 10563.0                       | 14,055.3               |
| <b>ÖLFLEX® POWER LV PVC FR ARM - RIYWAYUVAR1BK</b>  |   |                             |                               |                        |
| 382004586   | 1x4   | 11.0                        | 34.6                          | 263.4                  |
| 382004587   | 1x6   | 11.6                        | 51.8                          | 313.3                  |
| 382004588   | 1x10  | 12.5                        | 87.2                          | 385.5                  |
| 382004589   | 1x16  | 13.6                        | 138.7                         | 476.7                  |
| 382004590   | 1x25  | 15.3                        | 219.4                         | 636.0                  |
| 382004591   | 1x35  | 16.5                        | 304.4                         | 775.3                  |
| 382004592   | 1x50  | 18.0                        | 410.1                         | 948.3                  |
| <b>ÖLFLEX® POWER LV PVC FR ARM - RIYSSAYUVAR1BK</b> |   |                             |                               |                        |
| 382004593   | 1x70  | 19.2                        | 592.2                         | 1,120.0                |
| 382004594   | 1x95  | 21.5                        | 822.3                         | 1,451.3                |
| 382004595   | 1x120   | 23.0                        | 1037.3                        | 1,718.1                |
| 382004596   | 1x150   | 24.9                        | 1279.9                        | 2,060.0                |
| 382004597   | 1x185   | 27.2                        | 1601.5                        | 2,466.4                |
| 382004598   | 1x240   | 30.5                        | 2104.9                        | 3,150.9                |
| 382004599   | 1x300   | 33.4                        | 2640.8                        | 3,821.3                |
| 382004600   | 1x400   | 36.9                        | 3376.8                        | 4,748.6                |
| 382004601   | 1x500   | 41.7                        | 4336.3                        | 5,984.9                |
| 382004602   | 1x630   | 46.7                        | 5608.1                        | 7,604.5                |
| 382004603   | 1x800   | 51.0                        | 7181.4                        | 9,401.4                |
| 382004604   | 1x1000  | 55.8                        | 9017.6                        | 11,500.9               |
| <b>ÖLFLEX® POWER LV PVC FR ARM - RIYWAYUVAR1BK</b>  |   |                             |                               |                        |
| 382005398   | 1x4   | 11.0                        | 34.6                          | 176.3                  |
| 382005399   | 1x6   | 11.6                        | 51.8                          | 210.4                  |
| 382005400   | 1x10  | 12.5                        | 87.2                          | 266.8                  |
| 382005401   | 1x16  | 13.6                        | 138.7                         | 342.0                  |
| 382005402   | 1x25  | 15.3                        | 219.4                         | 469.7                  |
| 382005403   | 1x35  | 16.5                        | 304.4                         | 585.3                  |
| 382005404   | 1x50  | 18.0                        | 410.1                         | 734.5                  |
| 382005405   | 1x70  | 20.8                        | 592.2                         | 1,012.1                |
| 382005406   | 1x95  | 23.1                        | 822.3                         | 1,315.2                |
| 382005407   | 1x120   | 24.6                        | 1037.3                        | 1,573.5                |
| 382005408   | 1x150   | 26.5                        | 1279.9                        | 1,887.2                |
| 382005409   | 1x185   | 29.2                        | 1601.5                        | 2,318.6                |
| 382005410   | 1x240   | 32.1                        | 2104.9                        | 2,934.5                |
| 382005411   | 1x300   | 35.8                        | 2640.8                        | 3,673.8                |
| 382005412   | 1x400   | 39.7                        | 3376.8                        | 4,606.9                |
| 382005413   | 1x500   | 44.1                        | 4336.3                        | 5,793.4                |
| 382005414   | 1x630   | 50.3                        | 5608.1                        | 7,559.4                |
| 382005415   | 1x800   | 54.4                        | 7181.4                        | 9,326.9                |
| 382005416   | 1x1000  | 59.2                        | 9017.6                        | 11,422.7               |
| <b>ÖLFLEX® POWER LV PVC FR ARM - RIYWAYUVAR1BK</b>  |   |                             |                               |                        |
| 382005417   | 1x4   | 11.0                        | 34.6                          | 176.3                  |
| 382005418   | 1x6   | 11.6                        | 51.8                          | 210.4                  |
| 382005419   | 1x10  | 12.5                        | 87.2                          | 266.8                  |
| 382005420   | 1x16  | 13.6                        | 138.7                         | 342.0                  |
| 382005421   | 1x25  | 15.3                        | 219.4                         | 469.7                  |
| 382005422   | 1x35  | 16.5                        | 304.4                         | 585.3                  |
| 382005423   | 1x50  | 18.0                        | 410.1                         | 734.5                  |
| 382005424   | 1x70  | 20.8                        | 592.2                         | 1,012.1                |
| 382005425   | 1x95  | 23.1                        | 822.3                         | 1,315.2                |
| 382005426   | 1x120   | 24.6                        | 1037.3                        | 1,573.5                |
| 382005427   | 1x150   | 26.5                        | 1279.9                        | 1,887.2                |
| 382005428   | 1x185   | 29.2                        | 1601.5                        | 2,318.6                |
| 382005429   | 1x240   | 32.1                        | 2104.9                        | 2,934.5                |
| 382005430   | 1x300   | 35.8                        | 2640.8                        | 3,673.8                |
| 382005431   | 1x400   | 39.7                        | 3376.8                        | 4,606.9                |
| 382005432   | 1x500   | 44.1                        | 4336.3                        | 5,793.4                |
| 382005433   | 1x630   | 50.3                        | 5608.1                        | 7,559.4                |
| 382005434   | 1x800   | 54.4                        | 7181.4                        | 9,326.9                |
| 382005435   | 1x1000  | 59.2                        | 9017.6                        | 11,422.7               |