

Info

- Single core, flexible hook-up wire
- UL Style 1015 and UL 10269

Benefits

- The light weight and the practical hand holes in the spool packaging makes handling easy
- Higher economy by optimum processing volumes

Application range

- Suitable for assembling cable harnesses and wiring in the switch cabinet installation
- Used for installations in plants, devices, switch gear cabinets, where high temperature occur

Product features

- Flame retardant in acc. to VW-1, and IEC 60332-1-2
- Wide temperature range up to 105°C

Approvals (Norm references)



Product Make-up

- Fine strands of tinned annealed copper wire
- High temperature PVC based core insulation

V-90HT SC
High temperature PVC insulated cables



Technical data

- Core identification code**
Please see note below
- Based on**
In acc. to UL 1015 and UL 10269
- Specific insulation resistance**
> 20 GOhm x cm
- Conductor stranding**
Fine wire acc. to VDE 0295 Cl.5 / IEC 60228 Cl.5
- Minimum bending radius**
Fixed installation: 3 x cable diameter
- Nominal voltage**
U₀/U: 600/1000 V
- Test voltage**
3000 V
- Temperature range**
-20°C to +105°C

| Article number | Conductor cross-section (mm²) | Outer diameter (mm) | Colour | Copper index (kg/km) | Weight (kg/km) |
|----------------|-------------------------------|---------------------|--------------|----------------------|----------------|
| 3801000 | 0.5 | 2.5 | green-yellow | 4.8 | 11 |
| 3801001 | 0.5 | 2.5 | black | 4.8 | 11 |
| 3801002 | 0.5 | 2.5 | blue | 4.8 | 11 |
| 3801003 | 0.5 | 2.5 | brown | 4.8 | 11 |
| 3801004 | 0.5 | 2.5 | red | 4.8 | 11 |
| 3801005 | 0.5 | 2.5 | white | 4.8 | 11 |
| 3801006 | 0.5 | 2.5 | grey | 4.8 | 11 |
| 3801007 | 0.5 | 2.5 | violet | 4.8 | 11 |
| 3801008 | 0.5 | 2.5 | pink | 4.8 | 11 |
| 3801009 | 0.5 | 2.5 | orange | 4.8 | 11 |
| 3801011 | 0.5 | 2.5 | yellow | 4.8 | 11 |
| 3801012 | 0.5 | 2.5 | green | 4.8 | 11 |
| 3801014 | 0.5 | 2.5 | dark blue | 4.8 | 11 |
| 3801010 | 0.75 | 2.7 | green-yellow | 7.2 | 14.1 |
| 3801011 | 0.75 | 2.7 | black | 7.2 | 14.1 |
| 3801012 | 0.75 | 2.7 | blue | 7.2 | 14.1 |
| 3801013 | 0.75 | 2.7 | brown | 7.2 | 14.1 |
| 3801014 | 0.75 | 2.7 | red | 7.2 | 14.1 |
| 3801015 | 0.75 | 2.7 | white | 7.2 | 14.1 |
| 3801016 | 0.75 | 2.7 | grey | 7.2 | 14.1 |
| 3801017 | 0.75 | 2.7 | violet | 7.2 | 14.1 |
| 3801018 | 0.75 | 2.7 | pink | 7.2 | 14.1 |
| 3801019 | 0.75 | 2.7 | orange | 7.2 | 14.1 |
| 38010111 | 0.75 | 2.7 | yellow | 7.2 | 14.1 |
| 3801362 | 0.75 | 2.7 | green | 7.2 | 14.1 |
| 3801014 | 0.75 | 2.7 | dark blue | 7.2 | 14.1 |
| 3801020 | 1.0 | 2.9 | green-yellow | 9.6 | 17.2 |
| 3801021 | 1.0 | 2.9 | black | 9.6 | 17.2 |
| 3801022 | 1.0 | 2.9 | blue | 9.6 | 17.2 |
| 3801023 | 1.0 | 2.9 | brown | 9.6 | 17.2 |
| 3801024 | 1.0 | 2.9 | red | 9.6 | 17.2 |
| 3801025 | 1.0 | 2.9 | white | 9.6 | 17.2 |
| 3801026 | 1.0 | 2.9 | grey | 9.6 | 17.2 |
| 3801027 | 1.0 | 2.9 | violet | 9.6 | 17.2 |
| 3801028 | 1.0 | 2.9 | pink | 9.6 | 17.2 |
| 3801029 | 1.0 | 2.9 | orange | 9.6 | 17.2 |
| 38010211 | 1.0 | 2.9 | yellow | 9.6 | 17.2 |
| 38010212 | 1.0 | 2.9 | green | 9.6 | 17.2 |
| 38010214 | 1.0 | 2.9 | dark blue | 9.6 | 17.2 |
| 3801030 | 1.5 | 3.2 | green-yellow | 14.4 | 23.3 |
| 3801031 | 1.5 | 3.2 | black | 14.4 | 23.3 |
| 3801032 | 1.5 | 3.2 | blue | 14.4 | 23.3 |
| 3801033 | 1.5 | 3.2 | brown | 14.4 | 23.3 |
| 3801034 | 1.5 | 3.2 | red | 14.4 | 23.3 |
| 3801035 | 1.5 | 3.2 | white | 14.4 | 23.3 |
| 3801036 | 1.5 | 3.2 | grey | 14.4 | 23.3 |
| 3801037 | 1.5 | 3.2 | violet | 14.4 | 23.3 |
| 3801038 | 1.5 | 3.2 | pink | 14.4 | 23.3 |
| 3801039 | 1.5 | 3.2 | orange | 14.4 | 23.3 |
| 38010311 | 1.5 | 3.2 | yellow | 14.4 | 23.3 |
| 38010312 | 1.5 | 3.2 | green | 14.4 | 23.3 |
| 38010314 | 1.5 | 3.2 | dark blue | 14.4 | 23.3 |
| 3801040 | 2.5 | 3.7 | green-yellow | 24.0 | 34.4 |

| Article number | Conductor cross-section (mm²) | Outer diameter (mm) | Colour | Copper index (kg/km) | Weight (kg/km) |
|----------------|-------------------------------|---------------------|--------------|----------------------|----------------|
| 3801041 | 2.5 | 3.7 | black | 24.0 | 34.4 |
| 3801042 | 2.5 | 3.7 | blue | 24.0 | 34.4 |
| 3801043 | 2.5 | 3.7 | brown | 24.0 | 34.4 |
| 3801044 | 2.5 | 3.7 | red | 24.0 | 34.4 |
| 3801045 | 2.5 | 3.7 | white | 24.0 | 34.4 |
| 3801046 | 2.5 | 3.7 | grey | 24.0 | 34.4 |
| 3801047 | 2.5 | 3.7 | violet | 24.0 | 34.4 |
| 3801048 | 2.5 | 3.7 | pink | 24.0 | 34.4 |
| 3801049 | 2.5 | 3.7 | orange | 24.0 | 34.4 |
| 38010411 | 2.5 | 3.7 | yellow | 24.0 | 34.4 |
| 38010412 | 2.5 | 3.7 | green | 24.0 | 34.4 |
| 38010414 | 2.5 | 3.7 | dark blue | 24.0 | 34.4 |
| 3801050 | 4.0 | 4.3 | green-yellow | 38.4 | 54.2 |
| 3801051 | 4.0 | 4.3 | black | 38.4 | 54.2 |
| 3801052 | 4.0 | 4.3 | blue | 38.4 | 54.2 |
| 3801053 | 4.0 | 4.3 | brown | 38.4 | 54.2 |
| 3801054 | 4.0 | 4.3 | red | 38.4 | 54.2 |
| 3801055 | 4.0 | 4.3 | white | 38.4 | 54.2 |
| 3801056 | 4.0 | 4.3 | grey | 38.4 | 54.2 |
| 3801057 | 4.0 | 4.3 | violet | 38.4 | 54.2 |
| 3801058 | 4.0 | 4.3 | pink | 38.4 | 54.2 |
| 3801059 | 4.0 | 4.3 | orange | 38.4 | 54.2 |
| 38010511 | 4.0 | 4.3 | yellow | 38.4 | 54.2 |
| 38010512 | 4.0 | 4.3 | green | 38.4 | 54.2 |
| 38010514 | 4.0 | 4.3 | dark blue | 38.4 | 54.2 |
| 3801060 | 6.0 | 4.9 | green-yellow | 57.6 | 87.9 |
| 3801061 | 6.0 | 4.9 | black | 57.6 | 87.9 |
| 3801062 | 6.0 | 4.9 | blue | 57.6 | 87.9 |
| 3801063 | 6.0 | 4.9 | brown | 57.6 | 87.9 |
| 3801064 | 6.0 | 4.9 | red | 57.6 | 87.9 |
| 3801065 | 6.0 | 4.9 | white | 57.6 | 87.9 |
| 3801066 | 6.0 | 4.9 | grey | 57.6 | 87.9 |
| 3801067 | 6.0 | 4.9 | violet | 57.6 | 87.9 |
| 3801068 | 6.0 | 4.9 | pink | 57.6 | 87.9 |
| 3801069 | 6.0 | 4.9 | orange | 57.6 | 87.9 |
| 38010611 | 6.0 | 4.9 | yellow | 57.6 | 87.9 |
| 38010612 | 6.0 | 4.9 | green | 57.6 | 87.9 |
| 38010614 | 6.0 | 4.9 | dark blue | 57.6 | 87.9 |
| 3801070 | 10.0 | 6.5 | green-yellow | 96.0 | 138.3 |
| 3801071 | 10.0 | 6.5 | black | 96.0 | 138.3 |
| 3801072 | 10.0 | 6.5 | blue | 96.0 | 138.3 |
| 3801073 | 10.0 | 6.5 | brown | 96.0 | 138.3 |
| 3801074 | 10.0 | 6.5 | red | 96.0 | 138.3 |
| 3801075 | 10.0 | 6.5 | white | 96.0 | 138.3 |
| 3801076 | 10.0 | 6.5 | grey | 96.0 | 138.3 |
| 3801077 | 10.0 | 6.5 | violet | 96.0 | 138.3 |
| 3801078 | 10.0 | 6.5 | pink | 96.0 | 138.3 |
| 3801079 | 10.0 | 6.5 | orange | 96.0 | 138.3 |
| 38010711 | 10.0 | 6.5 | yellow | 96.0 | 138.3 |
| 38010712 | 10.0 | 6.5 | green | 96.0 | 138.3 |
| 38010714 | 10.0 | 6.5 | dark blue | 96.0 | 138.3 |
| 3801080 | 16.0 | 8.4 | green-yellow | 153.6 | 230.6 |
| 3801081 | 16.0 | 8.4 | black | 153.6 | 230.6 |

Control Cabinet Single Cores

Various applications

| Article number | Conductor cross-section (mm ²) | Outer diameter (mm) | Colour | Copper index (kg/km) | Weight (kg/km) |
|----------------|--|---------------------|--------------|----------------------|----------------|
| 3801082 | 16.0 | 8.4 | blue | 153.6 | 230.6 |
| 3801083 | 16.0 | 8.4 | brown | 153.6 | 230.6 |
| 3801084 | 16.0 | 8.4 | red | 153.6 | 230.6 |
| 3801085 | 16.0 | 8.4 | white | 153.6 | 230.6 |
| 3801086 | 16.0 | 8.4 | grey | 153.6 | 230.6 |
| 3801087 | 16.0 | 8.4 | violet | 153.6 | 230.6 |
| 3801088 | 16.0 | 8.4 | pink | 153.6 | 230.6 |
| 3801089 | 16.0 | 8.4 | orange | 153.6 | 230.6 |
| 38010811 | 16.0 | 8.4 | yellow | 153.6 | 230.6 |
| 38010812 | 16.0 | 8.4 | green | 153.6 | 230.6 |
| 38010814 | 16.0 | 8.4 | dark blue | 153.6 | 230.6 |
| 3802410 | 25.0 | 10.2 | green-yellow | 240.0 | 305 |
| 3802411 | 25.0 | 10.2 | black | 240.0 | 305 |
| 3802412 | 25.0 | 10.2 | blue | 240.0 | 305 |
| 3802413 | 25.0 | 10.2 | brown | 240.0 | 305 |
| 3802414 | 25.0 | 10.2 | red | 240.0 | 305 |
| 3802415 | 25.0 | 10.2 | white | 240.0 | 305 |
| 3802416 | 25.0 | 10.2 | grey | 240.0 | 305 |
| 3802417 | 25.0 | 10.2 | violet | 240.0 | 305 |
| 3802418 | 25.0 | 10.2 | pink | 240.0 | 305 |
| 3802419 | 25.0 | 10.2 | orange | 240.0 | 305 |
| 38024111 | 25.0 | 10.2 | yellow | 240.0 | 305 |
| 38024112 | 25.0 | 10.2 | green | 240.0 | 305 |
| 38024114 | 25.0 | 10.2 | dark blue | 240.0 | 305 |
| 3802420 | 35.0 | 12.4 | green-yellow | 336.0 | 437 |
| 3802421 | 35.0 | 12.4 | black | 336.0 | 437 |
| 3802422 | 35.0 | 12.4 | blue | 336.0 | 437 |
| 3802423 | 35.0 | 12.4 | brown | 336.0 | 437 |
| 3802424 | 35.0 | 12.4 | red | 336.0 | 437 |
| 3802425 | 35.0 | 12.4 | white | 336.0 | 437 |
| 3802426 | 35.0 | 12.4 | grey | 336.0 | 437 |
| 3802427 | 35.0 | 12.4 | violet | 336.0 | 437 |
| 3802428 | 35.0 | 12.4 | pink | 336.0 | 437 |
| 3802429 | 35.0 | 12.4 | orange | 336.0 | 437 |
| 38024211 | 35.0 | 12.4 | yellow | 336.0 | 437 |
| 38024212 | 35.0 | 12.4 | green | 336.0 | 437 |
| 38024214 | 35.0 | 12.4 | dark blue | 336.0 | 437 |
| 3802430 | 50.0 | 13.9 | green-yellow | 480.0 | 588 |
| 3802431 | 50.0 | 13.9 | black | 480.0 | 588 |
| 3802432 | 50.0 | 13.9 | blue | 480.0 | 588 |
| 3802433 | 50.0 | 13.9 | brown | 480.0 | 588 |
| 3802434 | 50.0 | 13.9 | red | 480.0 | 588 |
| 3802435 | 50.0 | 13.9 | white | 480.0 | 588 |
| 3802436 | 50.0 | 13.9 | grey | 480.0 | 588 |
| 3802437 | 50.0 | 13.9 | violet | 480.0 | 588 |
| 3802438 | 50.0 | 13.9 | pink | 480.0 | 588 |
| 3802439 | 50.0 | 13.9 | orange | 480.0 | 588 |
| 38024311 | 50.0 | 13.9 | yellow | 480.0 | 588 |
| 38024312 | 50.0 | 13.9 | green | 480.0 | 588 |
| 38024314 | 50.0 | 13.9 | dark blue | 480.0 | 588 |
| 3802440 | 70.0 | 16.0 | green-yellow | 672.0 | 790 |
| 3802441 | 70.0 | 16.0 | black | 672.0 | 790 |
| 3802442 | 70.0 | 16.0 | blue | 672.0 | 790 |
| 3802443 | 70.0 | 16.0 | brown | 672.0 | 790 |
| 3802444 | 70.0 | 16.0 | red | 672.0 | 790 |
| 3802445 | 70.0 | 16.0 | white | 672.0 | 790 |
| 3802446 | 70.0 | 16.0 | grey | 672.0 | 790 |
| 3802447 | 70.0 | 16.0 | violet | 672.0 | 790 |
| 3802448 | 70.0 | 16.0 | pink | 672.0 | 790 |
| 3802449 | 70.0 | 16.0 | orange | 672.0 | 790 |
| 38024411 | 70.0 | 16.0 | yellow | 672.0 | 790 |
| 38024412 | 70.0 | 16.0 | green | 672.0 | 790 |
| 38024414 | 70.0 | 16.0 | dark blue | 672.0 | 790 |
| 3802450 | 95.0 | 18.0 | green-yellow | 912.0 | 1051 |

| Article number | Conductor cross-section (mm ²) | Outer diameter (mm) | Colour | Copper index (kg/km) | Weight (kg/km) |
|----------------|--|---------------------|--------------|----------------------|----------------|
| 3802451 | 95.0 | 18.0 | black | 912.0 | 1051 |
| 3802452 | 95.0 | 18.0 | blue | 912.0 | 1051 |
| 3802453 | 95.0 | 18.0 | brown | 912.0 | 1051 |
| 3802454 | 95.0 | 18.0 | red | 912.0 | 1051 |
| 3802455 | 95.0 | 18.0 | white | 912.0 | 1051 |
| 3802456 | 95.0 | 18.0 | grey | 912.0 | 1051 |
| 3802457 | 95.0 | 18.0 | violet | 912.0 | 1051 |
| 3802458 | 95.0 | 18.0 | pink | 912.0 | 1051 |
| 3802459 | 95.0 | 18.0 | orange | 912.0 | 1051 |
| 38024511 | 95.0 | 18.0 | yellow | 912.0 | 1051 |
| 38024512 | 95.0 | 18.0 | green | 912.0 | 1051 |
| 38024514 | 95.0 | 18.0 | dark blue | 912.0 | 1051 |
| 3802460 | 120.0 | 20.5 | green-yellow | 1,152.0 | 1330 |
| 3802461 | 120.0 | 20.5 | black | 1,152.0 | 1330 |
| 3802462 | 120.0 | 20.5 | blue | 1,152.0 | 1330 |
| 3802463 | 120.0 | 20.5 | brown | 1,152.0 | 1330 |
| 3802464 | 120.0 | 20.5 | red | 1,152.0 | 1330 |
| 3802465 | 120.0 | 20.5 | white | 1,152.0 | 1330 |
| 3802466 | 120.0 | 20.5 | grey | 1,152.0 | 1330 |
| 3802467 | 120.0 | 20.5 | violet | 1,152.0 | 1330 |
| 3802468 | 120.0 | 20.5 | pink | 1,152.0 | 1330 |
| 3802469 | 120.0 | 20.5 | orange | 1,152.0 | 1330 |
| 38024611 | 120.0 | 20.5 | yellow | 1,152.0 | 1330 |
| 38024612 | 120.0 | 20.5 | green | 1,152.0 | 1330 |
| 38024614 | 120.0 | 20.5 | dark blue | 1,152.0 | 1330 |
| 3802470 | 150.0 | 22.2 | green-yellow | 1,440.0 | 1628 |
| 3802471 | 150.0 | 22.2 | black | 1,440.0 | 1628 |
| 3802472 | 150.0 | 22.2 | blue | 1,440.0 | 1628 |
| 3802473 | 150.0 | 22.2 | brown | 1,440.0 | 1628 |
| 3802474 | 150.0 | 22.2 | red | 1,440.0 | 1628 |
| 3802475 | 150.0 | 22.2 | white | 1,440.0 | 1628 |
| 3802476 | 150.0 | 22.2 | grey | 1,440.0 | 1628 |
| 3802477 | 150.0 | 22.2 | violet | 1,440.0 | 1628 |
| 3802478 | 150.0 | 22.2 | pink | 1,440.0 | 1628 |
| 3802479 | 150.0 | 22.2 | orange | 1,440.0 | 1628 |
| 38024711 | 150.0 | 22.2 | yellow | 1,440.0 | 1628 |
| 38024712 | 150.0 | 22.2 | green | 1,440.0 | 1628 |
| 38024714 | 150.0 | 22.2 | dark blue | 1,440.0 | 1628 |
| 3802480 | 185.0 | 24.2 | green-yellow | 1,776.0 | 1984 |
| 3802481 | 185.0 | 24.2 | black | 1,776.0 | 1984 |
| 3802482 | 185.0 | 24.2 | blue | 1,776.0 | 1984 |
| 3802483 | 185.0 | 24.2 | brown | 1,776.0 | 1984 |
| 3802484 | 185.0 | 24.2 | red | 1,776.0 | 1984 |
| 3802485 | 185.0 | 24.2 | white | 1,776.0 | 1984 |
| 3802486 | 185.0 | 24.2 | grey | 1,776.0 | 1984 |
| 3802487 | 185.0 | 24.2 | violet | 1,776.0 | 1984 |
| 3802488 | 185.0 | 24.2 | pink | 1,776.0 | 1984 |
| 3802489 | 185.0 | 24.2 | orange | 1,776.0 | 1984 |
| 38024811 | 185.0 | 24.2 | yellow | 1,776.0 | 1984 |
| 38024812 | 185.0 | 24.2 | green | 1,776.0 | 1984 |
| 38024814 | 185.0 | 24.2 | dark blue | 1,776.0 | 1984 |
| 3802490 | 240.0 | 29.5 | green-yellow | 2,304.0 | 2514 |
| 3802491 | 240.0 | 29.5 | black | 2,304.0 | 2514 |
| 3802492 | 240.0 | 29.5 | blue | 2,304.0 | 2514 |
| 3802493 | 240.0 | 29.5 | brown | 2,304.0 | 2514 |
| 3802494 | 240.0 | 29.5 | red | 2,304.0 | 2514 |
| 3802495 | 240.0 | 29.5 | white | 2,304.0 | 2514 |
| 3802496 | 240.0 | 29.5 | grey | 2,304.0 | 2514 |
| 3802497 | 240.0 | 29.5 | violet | 2,304.0 | 2514 |
| 3802498 | 240.0 | 29.5 | pink | 2,304.0 | 2514 |
| 3802499 | 240.0 | 29.5 | orange | 2,304.0 | 2514 |
| 38024911 | 240.0 | 29.5 | yellow | 2,304.0 | 2514 |
| 38024912 | 240.0 | 29.5 | green | 2,304.0 | 2514 |
| 38024914 | 240.0 | 29.5 | dark blue | 2,304.0 | 2514 |

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Photographs are not to scale and do not represent detailed images of the respective products.

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ACCESSORIES

APPENDIX