

V-90HT SC

High temperature PVC insulated cables



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

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 (mm ²)	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
3801011	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
3801021	1.0	2.9	yellow	9.6	17.2
3801021	1.0	2.9	green	9.6	17.2
3801024	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
3801031	1.5	3.2	yellow	14.4	23.3
3801031	1.5	3.2	green	14.4	23.3
3801034	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 (mm ²)	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
3801041	2.5	3.7	yellow	24.0	34.4
3801041	2.5	3.7	green	24.0	34.4
3801041	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
3801051	4.0	4.3	yellow	38.4	54.2
3801051	4.0	4.3	green	38.4	54.2
3801051	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
3801061	6.0	4.9	yellow	57.6	87.9
3801061	6.0	4.9	green	57.6	87.9
3801061	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
3801071	10.0	6.5	yellow	96.0	138.3
3801071	10.0	6.5	green	96.0	138.3
3801071	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.

ÖLFLEX® | UNITRONIC® | ETHERLINE® | HITRONIC® | EPIC® | SKINTOP® | SILVYN® | FLEXIMARK® | ACCESSORIES | APPENDIX