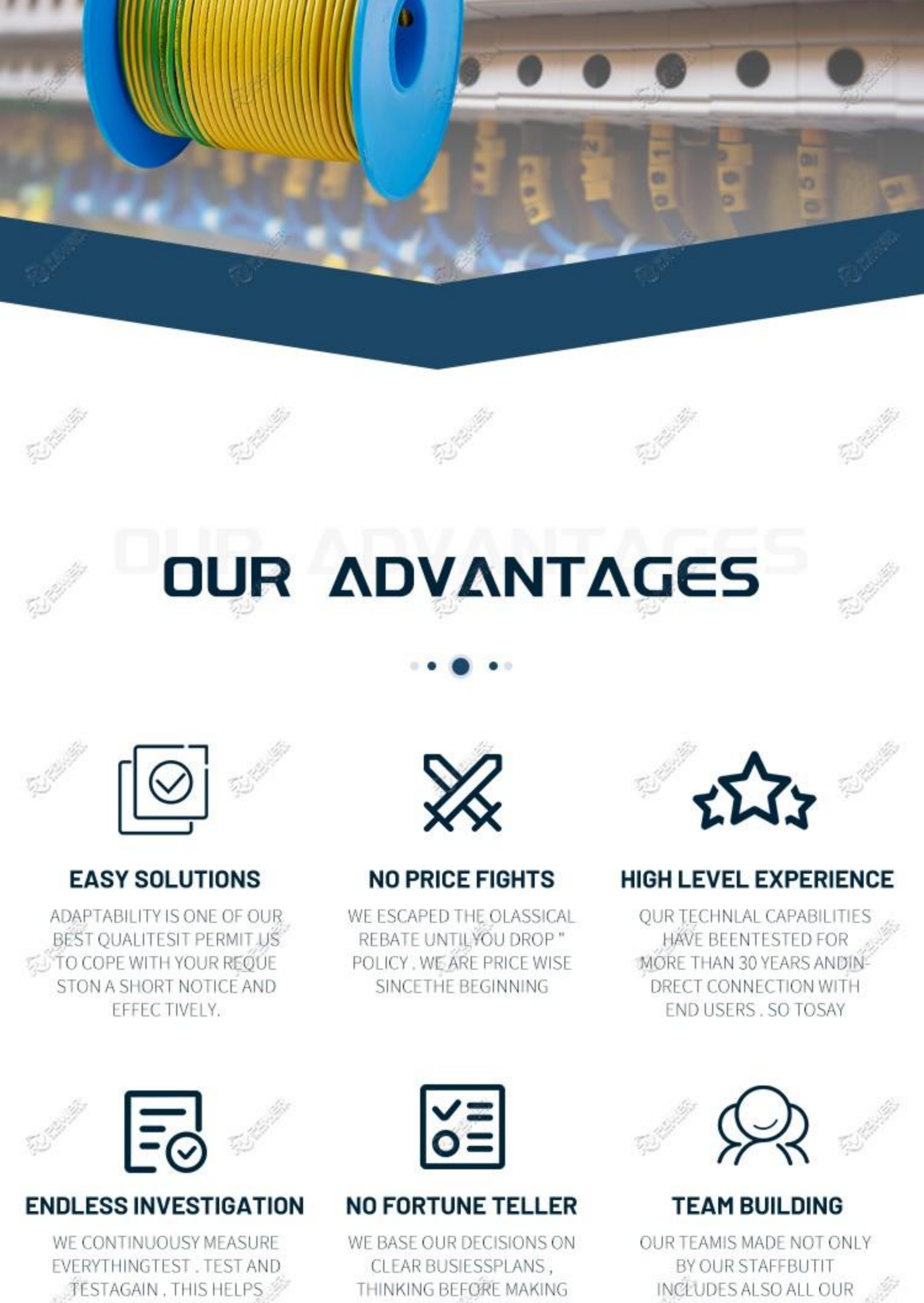


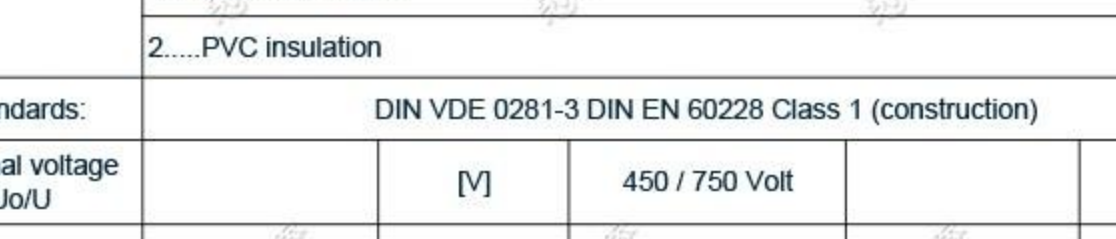


# PVC INSULATED SINGLE CORE WIRE

For indoor fixed installations in dry locations, in electrical equipment, switchboards and distributors. Should be installed in surface mounted or embedded conduits, for protected fixed installations in or on lighting fittings. Suitable for installations in machines for nominal voltages up to 1.000 V alternating current or up to 750 V to earth direct current. Cannot be used for installations under the wall surface.



## H07V-U | PVC INSULATED SINGLE CORE WIRE



### Item descriptions

<b>Application:</b>	For indoor fixed installations in dry locations, in switchboards and distributors, installed in surface mounted or embedded conduits, or on suitably objects.				
	1.....solid bare copper				
	2.....PVC insulation				
<b>Standards:</b>	DIN VDE 0281-3 DIN EN 60228 Class 1 (construction)				
<b>Nominal voltage</b> Uo/U		[V]	450 / 750 Volt		
<b>Test voltage</b>		[V]AC	2500		
<b>Temperature range</b>	in motion		+5°C till +70°C		
<b>Operating temperature</b>	short circuit	°C	160		
<b>Short circuit time</b>	max.	[sec]	5		
<b>Flammability</b>	standard		EN 60332-1-2		
<b>Nominal cross section mm²</b>	<b>Colours</b>	<b>Copper figure kg/km</b>	<b>Cond. construction (appr. value) mm</b>	<b>Overall diameter appr. mm</b>	<b>Weight appr. kg / km</b>
1,5	bk/bl/br	14,40	1 x 1,38	3,2	20
	gr/bl	14,40	1 x 1,38	3,2	20
	gr/vi/wt	14,40	1 x 1,38	3,2	20
	or/gn/ye/rd	14,40	1 x 1,38	3,2	20
2,5	bk/bl/br	24,00	1 x 1,78	3,9	31
	gy	24,00	1 x 1,78	3,9	31
	gr/vi/wt/or/gn/rd	24,00	1 x 1,78	3,9	31
4	bk/bl	38,40	1 x 2,25	4,4	46
	br/gr/vi/gn/ye/rd	38,40	1 x 2,25	4,4	46
6	bk/bl/br	57,60	1 x 2,76	5,0	65
	gr/vi/rd	57,60	1 x 2,76	5,0	65
10	bk/bl	96,00	1 x 3,56	6,4	109
	br/gr	96,00	1 x 3,56	6,4	109

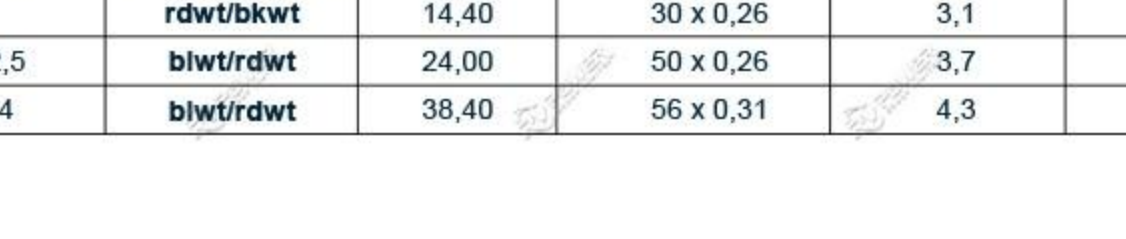
## H07V-R | PVC INSULATED SINGLE CORE WIRE



### Item descriptions

<b>Application:</b>	For indoor fixed installations in dry locations, in switchboards and distributors, installed in surface mounted or embedded conduits, or on suitably objects.				
	1.....stranded bare copper, compacted				
	2.....PVC insulation				
<b>Standards:</b>	DIN VDE 0281-3 DIN EN 60228 Class 2 (construction)				
<b>Technical data:</b>					
<b>Nominal voltage</b> Uo/U		[V]	450 / 750 Volt		
<b>Test voltage</b>		[V]AC	2500		
<b>Temperature range</b>	in motion		+5°C till +70°C		
<b>Operating temperature</b>	short circuit	°C	160		
<b>Short circuit time</b>	max.	[sec]	5		
<b>Bending radius</b>	min.	x diameter	4		
<b>Flammability</b>	standard		EN 60332-1-2		
<b>Nominal cross section mm²</b>	<b>Colours</b>	<b>Copper figure kg/km</b>	<b>Cond. construction (appr. value) mm</b>	<b>Overall diameter appr. mm</b>	<b>Weight appr. kg / km</b>
6	bk/bl	57,60	7 X 1,05	5,0	66
	gr	57,60	7 X 1,05	5,0	66
10	bk/bl/br	96,00	7 X 1,35	6,0	110
	gr	96,00	7 X 1,35	6,0	110
16	bk/bl/br	153,60	7 X 1,70	7,0	170
	br/gr	153,60	7 X 1,70	7,0	170
25	bk	240,00	7 X 2,13	9,0	270
	bl/br/gr	240,00	7 X 2,13	9,0	270
35	bk	336,00	7 X 2,52	10,0	360
	bl/br/gr	336,00	7 X 2,52	10,0	360
50	bk	480,00	19 X 1,83	11,0	530
	bl/gr	480,00	19 X 1,83	11,0	530
70	bk	672,00	19 X 2,17	14,0	740
	bl/gr	672,00	19 X 2,17	14,0	740
95	bk	912,00	19 X 2,52	15,0	1
	gr	912,00	19 X 2,52	15,0	1
120	bk	1.152,00	37 X 2,03	18,0	1.25
	gr	1.152,00	37 X 2,03	18,0	1.25
150	bk	1.440,00	37 X 2,27	19,0	1.58
	gr	1.440,00	37 X 2,27	19,0	1.58
185	bk	1.776,00	37 X 2,52	21,0	1.93
	gr	1.776,00	37 X 2,52	21,0	1.93
240	bk	2.304,00	61 X 2,24	23,0	2.5
	gr	2.304,00	61 X 2,24	23,0	2.5
300	bk	2.880,00	61 X 2,50	29,6	3.13

## H05V-K | PVC INSULATED SINGLE CORE WIRE



### Item descriptions

<b>Application:</b>	For protected fixed installations inside appliances and in or on lighting fittings. For installations in pipes on and under plaster, however, only for signal circuit.				
	1.....fine stranded bare cooper				
	2.....PVC insulation				
<b>Standards:</b>	DIN VDE 0281-3 DIN EN 60228 Class 5 (construction)				
<b>Technical data:</b>					
<b>Nominal voltage</b> Uo/U		[V]	300 / 500 Volt		
<b>Test voltage</b>		[V]AC	2000		
<b>Temperature range</b>	in motion		+5°C till +70°C		
<b>Operating temperature</b>	short circuit	°C	160		
<b>Short circuit time</b>	max.	[sec]	5		
<b>Bending radius</b>	min.	x diameter	4,0		
<b>Flammability</b>	standard		EN 60332-1-2		
<b>Nominal cross section mm²</b>	<b>Colours</b>	<b>Copper figure kg/km</b>	<b>Cond. construction (appr. value) mm</b>	<b>Overall diameter appr. mm</b>	<b>Weight appr. kg / km</b>
<b>one coloured und yellow-green</b>					
0,50	bk/bl/br	4,80	16 x 0,21	2,2	10,0
	yg/dbl/gr/vi/wt	4,80	16 x 0,21	2,2	10,0
	or/gn/ye/rd/pk/tra	4,80	16 x 0,21	2,2	10,0
0,75	bk/bl/br	7,20	24 x 0,21	2,4	12,0
	yg/dbl/bl/gr	7,20	24 x 0,21	2,4	12,0
	vi/wt/or/gn/rd	7,20	24 x 0,21	2,4	12,0
1	bk/bl/br	9,60	32 x 0,21	2,6	14,0
	yg/dbl/bl/gr/vi	9,60	32 x 0,21	2,6	14,0
	wt/or/gn/ye/rd	9,60	32 x 0,21	2,6	14,0
<b>two coloured construction</b>					
0,50	blwt/rdwt/rdye	4,80	16 x 0,21	2,2	10,0
	bkye/bkwt	4,80	16 x 0,21	2,2	10,0
	blrd/blwt/wtbr	7,20	24 x 0,21	2,4	12,0
0,75	dblw/rdwt/gnwt	7,20	24 x 0,21	2,4	12,0
	gnbk/rdbk	7,20	24 x 0,21	2,4	12,0
	blwt/rdwt/brwt	9,60	32 x 0,21	2,6	14,0
1	bkwt/yebk/vibk	9,60	32 x 0,21	2,6	14,0
	blbk/brbk/viwt	9,60	32 x 0,21	2,6	14,0

## H07V-K | PVC INSULATED SINGLE CORE WIRE



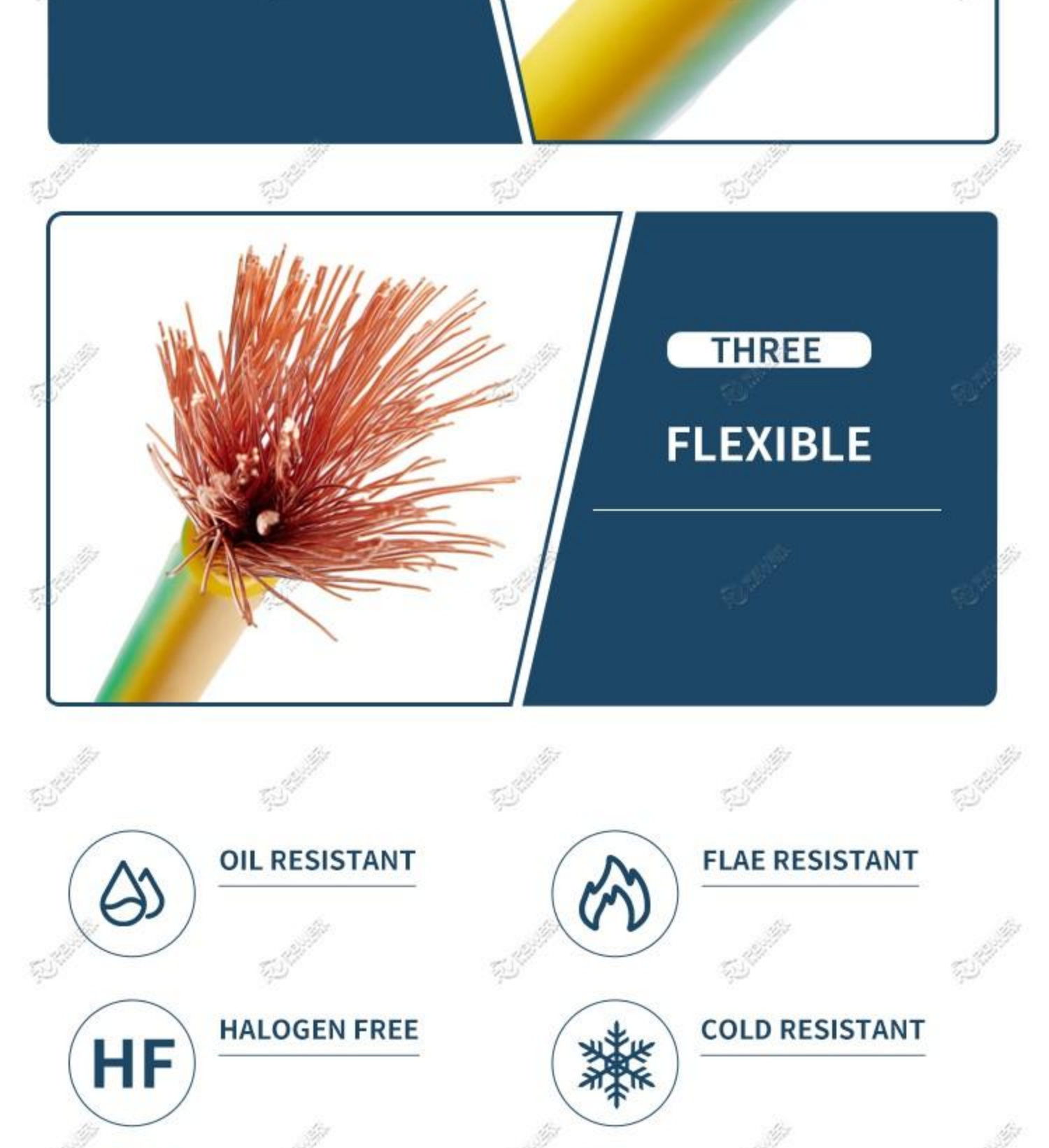
### Item descriptions

<b>Application:</b>	For indoor fixed installations in dry locations, in electrical equipment, switchboards and distributors. Should be installed in surface mounted or embedded conduits, for protected fixed installations in or on lighting fittings.				
	1.....fine stranded bare copper				
	2.....PVC insulation				
<b>Standards:</b>	DIN VDE 0281-3 DIN EN 60228 Class 5 (construction)				
<b>Technical data:</b>					
<b>Nominal voltage</b> Uo/U		[V]	450 / 750 Volt		
<b>Test voltage</b>		[V]AC	2500		
<b>Temperature range</b>	in motion		+5°C till +70°C		
<b>Operating temperature</b>	short circuit	°C	160		
<b>Short circuit time</b>	max.	[sec]	5		
<b>Bending radius</b>	min.	x diameter	4,0		
<b>Flammability</b>	standard		EN 60332-1-2		
<b>Nominal cross section mm²</b>	<b>Colours</b>	<b>Copper figure kg/km</b>	<b>Cond. construction (appr. value) mm</b>	<b>Overall diameter appr. mm</b>	<b>Weight appr. kg / km</b>
<b>einfärbig und gelb-grün</b>					
1,5	bk/bl/br	14,40	30 x 0,26	3,1	21
	yg/dbl/gr/vi/wt	14,40	30 x 0,26	3,1	21
	or/gn/ye/rd/pk/nat	14,40	30 x 0,26	3,1	21
2,5	bk/bl/br	24,00	50 x 0,26	3,7	32
	yg/dbl/gr/vi	24,00	50 x 0,26	3,7	32
	wt/or/gn/ye/rd/pk	24,00	50 x 0,26	3,7	32
4	bk/bl/br	38,40	56 x 0,31	4,3	47
	yg/dbl/gr/vi	38,40	56 x 0,31	4,3	47
	wt/gn/rd/ye	38,40	56 x 0,31	4,3	47
6	bk/bl/br	57,60	84 x 0,31	4,9	67
	yg/dbl/gr/vi	57,60	84 x 0,31	4,9	67
	vi/wt/gn/ye/rd	57,60	84 x 0,31	4,9	67
10	bk/bl/br	96,00	80 x 0,41	6,2	115
	yg/bl/gr/vi/or/rd/w	96,00	80 x 0,41	6,2	115
	bk/bl/br	153,60	128 x 0,41	7,4	175
25	yg/bl/gr/rd/gn	153,60	128 x 0,41	7,4	175
	bk	240,00	200 x 0,41	9,3	280
	bl/br/rg/rd/wt	240,00	200 x 0,41	9,3	280
35	bk	336,00	280 x 0,41	10,7	375
	bl/br/rg/rd	336,00	280 x 0,41	10,7	375
50	bk	480,00	400 x 0,41	12,7	550
	bl/rg/rd	480,00	400 x 0,41	12,7	550
<b>Nominal cross section mm²</b>					
70	bk	672,00	356 x 0,51	14,8	760
	bl/rg	672,00	356 x 0,51	14,8	760
	bk	912,00	485 x 0,51	16,7	1.020
120	bl/rg/rd	912,00	485 x 0,51	16,7	1.020
	bk	1.152,00	614 x 0,51	18,4	1.270
	yg	1.152,00	614 x 0,51	18,4	1.270
150	bk	1.440,00	765 x 0,51	20,5	1.600
	yg	1.440,00	765 x 0,51	20,5	1.600
185	bk	1.776,00	944 x 0,51	22,8	1.960
	yg	1.776,00	944 x 0,51	22,8	1.960
240	bk	2.304,00	1225 x 0,51	25,9	2.550
	yg	2.304,00	1225 x 0,51	25,9	2.550
<b>two coloured construction</b>					
1,5	biye/blbk/blwt	14,40	30 x 0,26	3,1	21
	gygn/dbbk/rdgn	14,40	30 x 0,26	3,1	21
	rdwt/bkwt	14,40	30 x 0,26	3,1	21
2,5	blwt/bkwt	24,00	50 x 0,26	3,7	32
	blwt/rdwt	38,40	56 x 0,31	4,3	47

## H05V-U | PVC INSULATED SINGLE CORE WIRE

### Item descriptions

<b>Application:</b>	For protected fixed installations inside appliances and in or on lighting fittings. Further for installations in pipes on and under plaster, however, only for signal circuit and control circuit.				
	1.....solid bare copper				
	2.....PVC insulation				
<b>Standards:</b>	DIN VDE 0281-3 DIN EN 60228 Class 5 (construction)				
<b>Technical data:</b>					
<b>Nominal voltage</b> Uo/U		[V]	300 / 500 Volt		
<b>Test voltage</b>		[V]AC	2000		
<b>Temperature range</b>	in motion		+5°C till +70°C		
<b>Operating temperature</b>	short circuit	°C	160		
<b>Short circuit time</b>	max.	[sec]	5		
<b>Bending radius</b>	min.	x diameter	4		
<b>Flammability</b>	standard		EN 60332-1-2		
<b>Nominal cross section mm²</b>	<b>Colours</b>	<b>Copper figure kg/km</b>	<b>Cond. construction (appr. value) mm</b>	<b>Overall diameter appr. mm</b>	<b>Weight appr. kg / km</b>
0,5	gr	4,80	1 x 0,78	2,3	9
0,75	Bk	7,20	1 x 0,95	2,4	12
1	bk/bl/br/gr	9,60	1 x 1,15	2,6	14
	gr/vi/wt/or				
	gn/ye/rd/pk				



OIL RESISTANT



FLAE RESISTANT



HALOGEN FREE



COLD RESISTANT



ABRASION RESISTANT



OZONE RESISTANT



UV RESISTANT



MICROBE RESISTANT



MUD RESISTANT



WATER RESISTANT