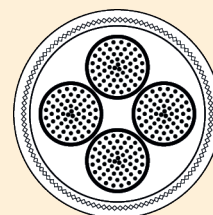


H05VVC4V5-K

Harmonized screened control cable

RoHS

CROSS SECTION



Acc. to VDE 0285-525-51

APPLICATION

Suitable for use in dry and damp rooms, as well as outdoors subject to shielded installation. Not suitable for use in water. Measuring, control and connection cable for all electrical systems subject to low and medium mechanical loads, particularly in industrial areas. For fixed installation and flexible usage with free movement without tension. The cable is oil resistant.

STRUCTURE

Conductor	Copper conductor, bare, flexible (class 5)
Cores	Insulation made from PVC, compound type Y12, labelling: green and yellow plus digits
Inner/interim sheath	PVC
Shield	Copper mesh, tin plated
Shield covering	70%
Outer sheath	Sheath material made from oil-resistant PVC, compound type YM2, grey

TECHNICAL DATA

Nominal voltage	300 V/500 V
Test voltage	3000 V
Conductor temperature	Max. 70°C during operation
Min. bending radius	6 x cable diameter, fixed installation 20 x cable diameter, moving
Temperature range	Moving -5°C to +70°C
Temperature range	Fixed installation -40°C to +80°C
Flame retardancy	VDE 0482-332-1-2/IEC 60332-1
Oil resistance	EN 60811-2-1

SPECIAL FEATURES

Sheath colour
Grey (RAL 7001) with imprint

Product description			Cu weight	Outer Ø (mm)	Weight (kg/km)	Product number
H05VVC4V5-K	3x0.5	VDE control cable	14.4	6.3	51	86000503
H05VVC4V5-K	4x0.5	VDE control cable	19.2	6.9	62	86000504
H05VVC4V5-K	5x0.5	VDE control cable	24.0	7.5	75	86000505
H05VVC4V5-K	7x0.5	VDE control cable	33.6	9.2	117	86000507
H05VVC4V5-K	12x0.5	VDE control cable	57.6	11.4	175	86000512
H05VVC4V5-K	18x0.5	VDE control cable	86.4	13.5	250	86000518
H05VVC4V5-K	21x0.5	VDE control cable	100.8	14.9	297	86000521
H05VVC4V5-K	25x0.5	VDE control cable	120.0	16.4	345	86000525
H05VVC4V5-K	3x0.75	VDE control cable	21.6	6.7	60	86007503
H05VVC4V5-K	4x0.75	VDE control cable	28.8	7.4	74	86007504
H05VVC4V5-K	5x0.75	VDE control cable	36.0	8.3	100	86007505
H05VVC4V5-K	7x0.75	VDE control cable	50.4	9.8	140	86007507
H05VVC4V5-K	9x0.75	VDE control cable	64.8	12.4	160	86007509
H05VVC4V5-K	12x0.75	VDE control cable	86.4	13.0	217	86007512
H05VVC4V5-K	15x0.75	VDE control cable	108.0	14.4	255	86007515
H05VVC4V5-K	18x0.75	VDE control cable	129.6	14.5	310	86007518
H05VVC4V5-K	25x0.75	VDE control cable	180.0	18.0	430	86007525
H05VVC4V5-K	34x0.75	VDE control cable	244.8	14.9	297	86007534
H05VVC4V5-K	41x0.75	VDE control cable	295.2	21.5	696	86007541
H05VVC4V5-K	50x0.75	VDE control cable	360.0	23.9	810	86007550
H05VVC4V5-K	3x1	VDE control cable	28.8	7.1	70	86010003
H05VVC4V5-K	4x1	VDE control cable	38.4	8.0	90	86010004
H05VVC4V5-K	5x1	VDE control cable	48.0	9.0	115	86010005
H05VVC4V5-K	7x1	VDE control cable	67.2	10.5	165	86010007
H05VVC4V5-K	9x1	VDE control cable	86.4	12.7	209	86010009
H05VVC4V5-K	12x1	VDE control cable	115.2	13.2	250	86010012
H05VVC4V5-K	14x1	VDE control cable	134.4	14.0	297	86010014
H05VVC4V5-K	18x1	VDE control cable	172.8	16.0	385	86010018
H05VVC4V5-K	25x1	VDE control cable	240.0	19.6	535	86010025
H05VVC4V5-K	32x1	VDE control cable	307.2	21.2	658	86010032
H05VVC4V5-K	34x1	VDE control cable	326.4	22.0	700	86010034
H05VVC4V5-K	41x1	VDE control cable	393.6	22.7	830	86010041
H05VVC4V5-K	50x1	VDE control cable	480.0	26.0	1000	86010050
H05VVC4V5-K	3x1.5	VDE control cable	43.2	7.8	90	86015003
H05VVC4V5-K	4x1.5	VDE control cable	57.6	8.8	125	86015004
H05VVC4V5-K	5x1.5	VDE control cable	72.0	9.6	156	86015005
H05VVC4V5-K	7x1.5	VDE control cable	100.8	11.7	228	86015007
H05VVC4V5-K	9x1.5	VDE control cable	144.0		265	86015009
H05VVC4V5-K	12x1.5	VDE control cable	172.8	14.0	330	86015012
H05VVC4V5-K	14x1.5	VDE control cable	201.6	15.4	390	86015014
H05VVC4V5-K	18x1.5	VDE control cable	259.2	17.0	500	86015018
H05VVC4V5-K	25x1.5	VDE control cable	360.0	20.6	700	86015025
H05VVC4V5-K	32x1.5	VDE control cable	460.8	22.5	880	86015032
H05VVC4V5-K	34x1.5	VDE control cable	489.6	23.0	920	86015034
H05VVC4V5-K	41x1.5	VDE control cable	604.8	26.4	1120	86015041
H05VVC4V5-K	50x1.5	VDE control cable	720.0	27.6	1320	86015050
H05VVC4V5-K	3x2.5	VDE control cable	72.0	9.8	145	86025003
H05VVC4V5-K	4x2.5	VDE control cable	96.0	11.0	198	86025004
H05VVC4V5-K	5x2.5	VDE control cable	120.0	12.0	236	86025005
H05VVC4V5-K	7x2.5	VDE control cable	168.0	14.5	340	86025007
H05VVC4V5-K	12x2.5	VDE control cable	288.0	18.0	535	86025012
H05VVC4V5-K	18x2.5	VDE control cable	432.0	21.6	805	86025018
H05VVC4V5-K	25x2.5	VDE control cable	600.0	26.2	1100	86025025
H05VVC4V5-K	32x2.5	VDE control cable	768.0	27.9	1350	86025032
H05VVC4V5-K	34x2.5	VDE control cable	816.0	28.5	1440	86025034
H05VVC4V5-K	42x2.5	VDE control cable	1008.0	31.6	1753	86025042
H05VVC4V5-K	50x2.5	VDE control cable	1200.0	34.7	2075	86025050