MULTI-STANDARD SC 1

UL-recognised (AWM) + CSA AWM I A/B + <HAR> H05V-K, tinned-copper strands

Lapp Kabel® MULTI-STANDARD SC 1, power and control cable, PVC single core, UL-recognized/UL AWM style 1007+1569 & CSA AWM I A/B +105 °C/300 V, HAR H05V-K

Info

Formerly: Multi-Standard single core UL-CSA-HAR 1007/1569
CPR: Article number choice under www.lappkabel.com/cpr





Oil-resistant

Benefits

For use in the most important global markets
Reduction in technical documentation
Easy storage
Increases the cost-effectiveness of the production process

Application range

Factory wiring
Internal wiring of devices
Control cabinet wiring

Product features

Flame-retardant according IEC 60332-1-2
Flame-retardant according to UL VW1/CSA FT1
Oil-resistant

Norm references / Approvals

Multi-standard cables have conductor strands with nominal sizes in mm² or AWG/kcmil. The master size is mentioned in the table below, while the equivalent size of the other system can be found in the Appendix T16 of this catalogue. For this related secondary size the cross-section of the conductor mostly works out to be greater than the

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specified nominal value.
Cable type certifications: <HAR> H05V-K acc. EN 50525-2-31, UL AWM
styles 1007 & 1569 (by UL acc. UL standard UL 758, U.I. Lapp GmbH's UL AWM file number: E63634), CSA AWM I A/B (by CSA acc. CSA standard CSA
C22.2 No. 210-05, CSA class 5851-01)

Product Make-up

Fine-wire strand made of tinned-copper wires
Special PVC-based core insulation

Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC000993 ETIM 5.0 Class-Description: Single core cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000993 ETIM 6.0 Class-Description: Single core cable
Conductor stranding:	Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5
Minimum bending radius:	4 x outer diameter (OD) for normal use; 2 x OD for cautions bending
Nominal voltage:	HAR / IEC: U0/U: 300/500 V; UL (AWM): U: 300 V; CSA (AWM I A/B): U: 300 V
Test voltage:	2000 V
Temperature range:	Fixed installation: HAR/IEC: -40 °C to +70 °C; UL (AWM): up to +105 °C; CSA (AWM I A/B): up to +105 °C

Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.
Photographs and graphics are not to scale and do not represent detailed images of the respective products.
Prices are net prices without VAT and surcharges. Sale to business customers only.
The outer diameters stated in the part number table are maximum values.

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PRODUCT INFORMATION

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Article number	Core colour	Conductor cross-section (mm^2)	Outer diameter [mm]	m/ring	m/box	Copper index (kg/km)	Weight (kg/km)
4180400	green/yellow	0.5	2.5	100	-	4.8	9
4180403	brown	0.5	2.5	100	-	4.8	9
4180401	black	0.5	2.5	100	-	4.8	9
4180406	grey	0.5	2.5	100	-	4.8	9
4180402	blue	0.5	2.5	100	-	4.8	9
4180414	dark blue	0.5	2.5	100	-	4.8	9
4180414K	dark blue	0.5	2.5	-	3000	4.8	9
4180409	orange	0.5	2.5	100	-	4.8	9
4180407	violet	0.5	2.5	100	-	4.8	9
4180410	yellow	0.5	2.5	100	-	4.8	9
4180405	white	0.5	2.5	100	-	4.8	9
4180404	red	0.5	2.5	100	-	4.8	9
4180500	green/yellow	0.75	2.6	100	-	7.2	12
4180503	brown	0.75	2.6	100	-	7.2	12
4180501	black	0.75	2.6	100	-	7.2	12
4180501K	black	0.75	2.6	-	2500	7.2	12
4180506	grey	0.75	2.6	100	-	7.2	12
4180502	blue	0.75	2.6	100	-	7.2	12
4180514	dark blue	0.75	2.6	100	-	7.2	12
4180514K	dark blue	0.75	2.6	-	2500	7.2	12
4180507	violet	0.75	2.6	100	-	7.2	12
4180505	white	0.75	2.6	100	-	7.2	12
4180504	red	0.75	2.6	100	-	7.2	12
4180600	green/yellow	1	2.8	100	-	9.6	15
4180600K	green/yellow	1	2.8	-	2000	9.6	15
4180611	green	1	2.8	100	-	9.6	15
4180603	brown	1	2.8	100	-	9.6	15
4180601	black	1	2.8	100	-	9.6	15
4180606	grey	1	2.8	100	-	9.6	15
4180602	blue	1	2.8	100	-	9.6	15
4180614	dark blue	1	2.8	100	-	9.6	15
4180609	orange	1	2.8	100	-	9.6	15
4180607	violet	1	2.8	100	-	9.6	15
4180610	yellow	1	2.8	100	-	9.6	15

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Product Management www.lappkabel.de
You can find the current technical data in the corresponding data sheet.

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Article number	Core colour	Conductor cross-section (mm^2)	Outer diameter [mm]	m/ring	m/box	Copper index (kg/km)	Weight (kg/km)
4180605	white	1	2.8	100	-	9.6	15
4180604	red	1	2.8	100	-	9.6	15

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