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 cable, UL-recognised/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

Oil-resistant

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

Application range
Factory wiring
Internal wiring of devices
Control cabinet wiring

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

Last Update (20.02.2017)

Product Management www.lappkabel.de
You can find the current technical data in the corresponding data sheet.
PN 0456 / 02_03.16

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Norm references / approvals

Multi-standard cables are designed in metric nominal cross sections in mm² **or** AWG/kcmil nominal sizes. The leading cross-section is specified in the table below, while the corresponding cross-section of the other system can be found in the appendix table T16 of this catalogue. For this corresponding secondary size, the conductor cross-section is generally larger.
Design certification: <HAR> H05V-K according to EN 50525-2-31, UL AWM styles 1007 & 1569 (by UL according to UL standard UL 758, UL AWM file number of U.I. Lapp GmbH: E63634), CSA AWM I A/B (by CSA according to CSA standard CSA C22.2 no. 210-05, CSA class 5851-01)

Design

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

Technical Data

Classification:	ETIM 5.0 Class-ID: EC000993 ETIM 5.0 Class-Description: Single-core cable
Conductor design:	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: U_0/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): -40°C to +105°C; CSA (AWM I A/B): -40°C 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; see catalogue appendix T17 for the application and definition of "Metal price basis" and "Metal index"
Photographs 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.

Article number	Conductor cross-section (mm²)	Outer diameter (mm)	Core colour	m/ring	Copper index (
4180400	0.5	2.5	green/yellow	100	4.8
4180403	0.5	2.5	brown	100	4.8
4180401	0.5	2.5	black	100	4.8
4180406	0.5	2.5	grey	100	4.8
4180402	0.5	2.5	blue	100	4.8
4180414	0.5	2.5	dark blue	100	4.8
4180414K	0.5	2.5	dark blue	3000	4.8
4180409	0.5	2.5	orange	100	4.8
4180405	0.5	2.5	white	100	4.8
4180404	0.5	2.5	red	100	4.8
4180500	0.75	2.6	green/yellow	100	7.2
4180503	0.75	2.6	brown	100	7.2
4180501	0.75	2.6	black	100	7.2
4180506	0.75	2.6	grey	100	7.2
4180502	0.75	2.6	blue	100	7.2
4180514	0.75	2.6	dark blue	100	7.2
4180514K	0.75	2.6	dark blue	2500	7.2
4180507	0.75	2.6	violet	100	7.2
4180504	0.75	2.6	red	100	7.2
4180600	1	2.8	green/yellow	100	9.6
4180600K	1	2.8	green/yellow	2000	9.6
4180603	1	2.8	brown	100	9.6
4180601	1	2.8	black	100	9.6
4180606	1	2.8	grey	100	9.6
4180602	1	2.8	blue	100	9.6
4180614	1	2.8	dark blue	100	9.6
4180609	1	2.8	orange	100	9.6
4180605	1	2.8	white	100	9.6
4180604	1	2.8	red	100	9.6

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