

Multi-Standard SC 1**DB 4180400**
valid from: 07.10.2010**Application**

These multi standard wiring cables SC1 are UL, CSA and HAR (VDE) approved and are designed for use for control cabinet wiring as well as for installation in protective tubes, applicable within the scope of the UL- or Canadian or European standard specifications. At room temperature they are widely resistant to oils.

Application range: HAR: Wiring cable for internal wiring acc. to HD 516 resp. VDE 0298-300
UL (AWM): Oil resistant wiring cable for internal wiring
CSA (AWM): Oil resistant wiring cable for internal wiring

Design

Design / Approvals H05V-K ◀HAR▶ acc. to HD 21.3 S3+A1 resp. VDE 0281-3
UL (AWM) Style 1007 / 1569 acc. to UL 758
CSA (AWM I A/B) acc. to C22.2 No. 210-05

Conductor fine-wired core of tinned copper strands acc. to IEC 60228 resp. VDE 0295, Class 5
UL 758 and CSA C22.2

Core insulation special PVC based compound

Electrical properties

Nominal voltage HAR U₀/U: 300 / 500 V
UL/CSA: 300 V

Test voltage 2000 V AC

Mechanical and thermal properties

Min. bending radius fixed installation: 4 x outer diameter at conventional usage
2 x outer diameter at cautious bending

Temperature range fixed installation: HAR: -40 °C up to +70 °C max. conductor temp.
UL/CSA: -40 °C up to +105 °C max. conductor temp.

Flame resistance HAR: IEC 60332-1-2 resp. VDE 0482-332-1-2
UL (AWM): VW-1
CSA : FT1

Oil resistance UL (AWM): 60°C oil rating
CSA (AWM I A/B) acc. to C22.2 No. 210-05

Tests acc. to IEC 60811 resp. VDE 0473 and VDE 0472, UL 1581 and CSA C22.2

EC directive This cable is conform to ECD 2006/95/EC (Low Voltage Directive).