

Art. Nr.	DATA SHEET	
Valid from: 01.01.2023	H05V2-K - H07V2-K - 07V2-K	

Application

H05V2-K and H07V2-K are wiring cables with thermoplastic PVC-insulation for protected, stationary installation inside devices as well as inside or on lamps and for a maximum conductor temperature of 90°C. Suitable for installation inside of closed conduits and cable ducting systems and on or under plaster, but only as part of signal or control circuits.

Under individual part numbers, different core insulation colors and package types are offered for diverse application types.

Design

Design	Acc. to EN 50525-2-31
Certification	The cable is characterized with the <HAR> HAR-Sign or HAR-identification thread. Classification of fire behavior according to EN 13501-6 and EN 50575
Conductor	Plain copper flexible wire, class 5
Insulation	PVC Compound, TI3 quality

Mechanical characteristics

Minimum bending radius	4 x outer diameter
Temperature range	Operating temperature : - 10°C to + 90 °C Minimum Installation temperature : + 5°C Maximum short circuit temperature : + 160 °C
Maximum tensile stress	50 N/mm ²

Electrical characteristics

Nominal Voltage	H05V2-K : U ₀ /U: 300 / 500 V H07V2-K and 07V2-K : U ₀ /U: 450 / 750 V
Test Voltage	H05V2-K : 2000 V H07V2-K and 07V2-K : 2500 V

Approval

Lloyd's Approval	H05V2-K Certificate No 19/00029 H07V2-K Certificate No 19/00030
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General requirements

These cables are conform to the EU-Directive 2014/35/EU (Low Voltage Directive).
These cables are classified in accordance with the EU-Regulation no. 305/2011 (CPR).
Theses cables meet the substance-specific requirements of the EU Directive 2011/65/EU (RoHS).

Note

Trade products, no Lapp product.

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