


1600203	DATA SHEET	
valid from: 01.01.2019	Rubber Insulated Cable H05RR-F	

Application

Rubber Insulated Cable H05RR-F is a tough rubber seated TRS cable for use on hand tools and light weight workshop tools subject to light to medium stress in dry and damp conditions. Continuous, busy movements, usage of these cables in moving cable carriers, respectively on motor drum guidance or under a strain of more than 15 N/mm² is not allowed.

Design

Design	acc. to HD 22.4 S4 that is VDE 0282 part 4
Certification	H05RR-F acc. to HD 22.4 S4 that is VDE 0282 part 4
Conductor	copper, fine wire strand in accordance to IEC 60228 that is VDE 0295, class 5
Insulation	rubber compound EI4 in acc. to HD 22.1 that is VDE 0282 part 1
Core identification code	colour-coded in acc. to VDE 0293-1, HD 308 S2 that is VDE 0293-308
Outer sheath	rubber compound EM3 in acc. to HD 22.1, that is VDE 0282 part 1 colour: black

Electrical properties at 20°C

Rated voltage	300/500 V
Test voltage	2000 V AC

Mechanical and thermal properties

Minimum bending radius	for flexible use: 6 x cable diameter
Temperature range	for fixed installation and handling: -25 up to +60° C max. conductor temperature
Tests	acc. to VDE 0472 and IEC 60811-x.x that is VDE 0473 The cable is characterized with the <HAR> HAR-sign or HAR-identification thread.
General requirements	These cables are conform to the EU-Directive 2014/35/EU (Low Voltage Directive)

Creator: KASC / PDC	Document: DB1600203EN	Page 1 of 1
Released: ALTE / PDC	Version: 04	