


73222334	DATA SHEET	
valid from: 08.09.2023	ÖLFLEX® PLUG H03VV-F/H05VV-F	

Application

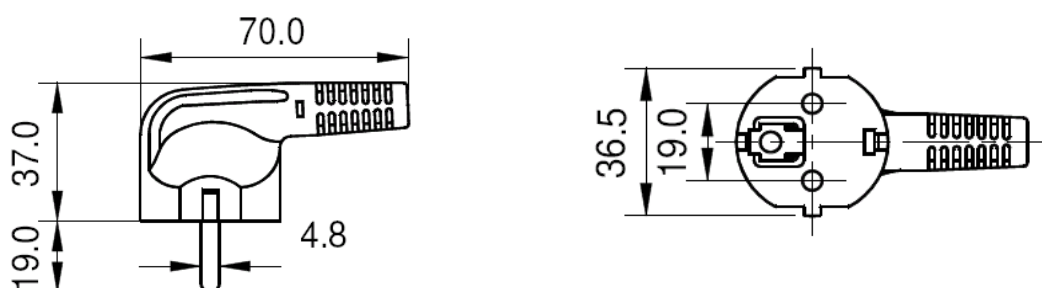
ÖLFLEX® PLUG H03VV-F/H05VV-F are net connection cables used daily over millions of times as extension and connecting cables for electrical devices, appliances and machinery, where plugs must be permanently connected to the corresponding cable.

The current-carrying capacity of the cable itself as part of the assembly must be considered separately in addition to the rated current of the plug acc. to VDE, e.g. depending on the application acc. to DIN VDE 0298-4 or HD 60364-5-52 or IEC 60364-5-52.

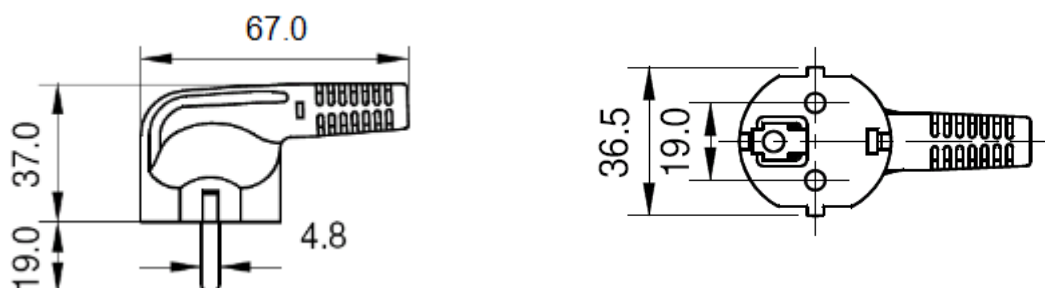
Technical data (reference—standard; drawing dimensions in mm, not in original Size!)

End 1: Injection-moulded, rectangular earthing-type plug, 2-pin with dual earthing contact 16 A, 250 V AC, acc. to VDE 0620-1 (VDE 0620-1); standard sheet DIN 49441-2 R2; IEC 60884-1 Edition 3.0
Certification marks: VDE, KEMA-KEUR, CEBEC, ÖVE, NEMKO, SEMKO, DEMKO, FIMKO.

For cables up to 1,5 mm²



For cables from 1,5 mm² up to 2,5 mm²




End 2: 30 mm dismantled, with protection sleeves for the ends of the conductors (different length and cross section).

Exceptions for End 2:

Part numbers 73222334; 73222336; 73222381; 73222335: Injection-moulded straight IEC 60320 coupling
Part numbers 74320106; 74320092: injection-moulded rectangular IEC 60320 coupling
2-pin with dual earthing contact 10 A, 250 V AC,
acc. to IEC 60320 resp. EN 60320-1 (VDE 0625-1), EN 60320-3 (VDE 0625-3) standard sheet C13;
Certification marks: ENEC-05, KEMA-KEUR, CE



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Design of cable

Design	acc. to EN 50525-2-11
Conductor	fine wire strands of bare copper, acc. to IEC 60228 resp. EN 60228, Class 5
Insulation	PVC compound T12 The cable is marked with the <HAR> HAR-sign or HAR-identification thread.
Core identification code	coloured acc. to HD 308 S2 with GN-YE ground conductor
Outer sheath	PVC compound TM2 Colour optionally: Black, similar RAL 9005 White, similar RAL 9010 Silvergrey, similar RAL 7001

Electrical properties at 20°C

Rated voltage	U0: 250 V AC
Test voltage	Cable: 2000 V AC

Mechanical and thermal properties

Temperature range	flexible use: -5 °C up to +70 °C
Flammability	acc. to IEC 60332-1-2 resp. EN 60332-1-2 (applies to cable)
Tests	acc. to IEC 60811 resp. EN 60811, EN 50395, EN 50396
General requirements	These cables are conform to the EU Directive 2014/35/EU (Low Voltage Directive)
Environmental information	These cables meet the substance-specific requirements of the EU Directive 2011/65/EU (RoHS).

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