

H07Z-U 450/750 V

Halogen-Free Single Core Wire



Application

For the internal wiring of switching systems, equipment and lights as well as for domestic installations, however, not for outdoor use

Construction

Conductor material	Solid bare copper
Insulation	Halogen-free, cross-linked polyolefin copolymerisate (EI5)

Standards and Certifications

EN 50525-3-41
 DIN EN 60228 class 1 (construction)

Technical Data

Nominal voltage U ₀ /U	[V]	450 / 750 V
Test voltage	[V]AC	2500
Temperature range	in motion °C	+5°C till +90°C
Operating temperature	short circuit °C	250°C
Short circuit time	max. [sec]	5
Bending radius	min. x diameter	6

Fire classification CPR class

Reaction to fire EN 60332-1-2

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Number of cores x Cross- section	Outer diameter min.	Outer diameter max.	Weight (approx.) [kg/km]	Maximum electrical resistance at 20° C [Ω/km]
1.50	2.6	3.3	20	12.1
2.50	3.2	4.0	31	7.41
4	3.6	4.6	46	4.61
6	4.1	5.2	65	3.08
10	5.3	6.6	109	1.83

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