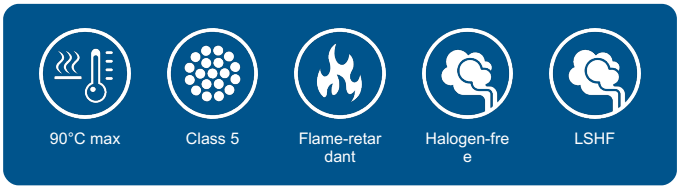
GREENLINE HF90 H07Z-K



H07Z-K is a flexible conductor with XHFFR insulation that is halogen-free, flame-retardant and low-smoke. It is developed for installations where high standards of safety, fire performance and long-term reliability are required. The cable is particularly suitable as a hook-up wire in electrical cabinets and switchgear, and is also well suited for motors and other electrical equipment.

Its flexible construction ensures easy handling and installation, even in confined spaces or during complex terminations. The halogen-free insulation enhances fire safety by providing low smoke emission and eliminating corrosive gases, helping to protect both people and sensitive equipment.

By combining flexibility, safety and reliable performance, H07Z-K is a dependable choice for modern electrical installations.

APPLICATION

GREENLine HF90 H07Z-K is a 90°C XHFFR insulated flexible conductor. Suitable for power supply in buildings and internal wiring in electrical cabinets, switchboards, motors and other electric equipment.

STANDARDS

Conductor
IEC 60228 Class 5
EN 50525-3-41

Flame retardant
EN 50575:2014+A1:2016
IEC 60332-1
IEC 60332-2

Halogen free
IEC 60754-1
IEC 60754-2

STANDARDS

Smoke density
IEC 61034-1
IEC 61034-2

APPROVAL

CE RoHS COMPLIANT

CONSTRUCTION

Bending radius - Minimum
4 xOD

Color
According to EN 50525-1

Conductor
Class 5 Bare flexible copper

Insulation
XHFFR

PROPERTIES

CPR class
1,5mm²-2,5mm² = Eca, 4mm²-240mm² = Dca

Max temperature
90 °C

Min. temperature
-30 °C

AC Voltage rating U_0/U
450/750V

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CERTIFIED ISO 9001 SVENSK CERTIFIERING
CERTIFIED ISO 14001 SVENSK CERTIFIERING
CERTIFIED ISO 45001 SVENSK CERTIFIERING

Name	Cross section [mm²]	Outer diameter [mm]	Installation Current in open air, ambient temperature 30°C [A]	Total weight [kg/km]
GREENLine HF90 / H07Z-K 1,5	1.5	2.9	24	19
GREENLine HF90 / H07Z-K 2,5	2.5	3.6	32	30
GREENLine HF90 / H07Z-K 4	4	4.1	42	44
GREENLine HF90 / H07Z-K 6	6	4.7	54	62
GREENLine HF90 / H07Z-K 10	10	6	73	108
GREENLine HF90 / H07Z-K 16	16	7	98	160
GREENLine HF90 / H07Z-K 25	25	8.6	129	243
GREENLine HF90 / H07Z-K 35	35	9.9	158	336
GREENLine HF90 / H07Z-K 50	50	11.5	198	473
GREENLine HF90 / H07Z-K 70	70	14	245	673
GREENLine HF90 / H07Z-K 95	95	15.5	292	673
GREENLine HF90 / H07Z-K 120	120	17.7	344	1096
GREENLine HF90 / H07Z-K 150	150	19.8	391	1366
GREENLine HF90 / H07Z-K 185	185	21.7	448	1677
GREENLine HF90 / H07Z-K 240	240	25.3	528	2398

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