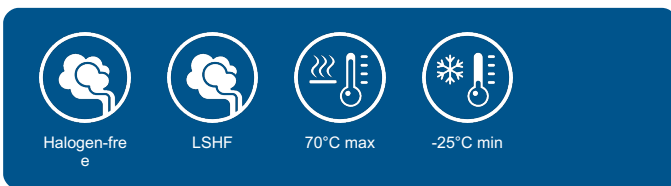




## FQ (H07Z1-R) 450/750V



H05Z1-R/H07Z1-R is a halogen-free, flame-retardant, and low-smoke (HFFR) insulated conductor designed for fixed installations. It is primarily used in conduit and duct systems, but is also suitable as a connection wire in distribution boards and similar electrical applications.

Its HFFR insulation enhances safety by reducing smoke emission and preventing the release of corrosive gases in the event of fire, thereby protecting both people and sensitive equipment. H05Z1-R/H07Z1-R is a reliable and durable solution for modern electrical installations where fire safety is essential.

## APPLICATION

H07Z1-R is a halogen free insulated class 2 conductor for fixed installation in house wiring. To be installed in conduit or duct systems, or as connection wire to be used in switch cabinet or boxes and similar applications. Shall be protected against UV-light.

## STANDARDS

### Construction

EN 50525-3-31

### Flame retardant

EN 50575:2014+A1:2016

IEC 60332-1

IEC 60332-2

### Conductor

IEC 60228 Class 2

## APPROVAL



## CONSTRUCTION

### Color

Y/G or Customers choice

### Conductor

Class 2

### Insulation

HFFR

### Labeling example

H07Z1-R TYPE 1 16mm<sup>2</sup> amo kraftkabel YY/MM

## PROPERTIES

### CPR class

16-95mm<sup>2</sup>: Dca-s1,d1,a1 120-500mm<sup>2</sup>: Dca-s1a,d2,a1

### Max temperature

150 °C

### Min. temperature

-10 °C

### UV resistance

Yes

### AC Voltage rating U<sub>0</sub>/U

450/750V



Name	E-Number	Outer diameter [mm]	Total weight [kg/km]	CPR class	Std. Length [m]	Packaging
FQ 16	443290	6.8	160	Dca-s1,d1,a1	Cut length	Inquiry
FQ 16	443295	6.8	160	Dca-s1,d1,a1	500	Drum
FQ 25	443300	8.5	256	Dca-s1,d1,a1	Cut length	Inquiry
FQ 25	443305	8.5	256	Dca-s1,d1,a1	500	Drum
FQ 35	443310	9.7	343	Dca-s1,d1,a1	Cut length	Inquiry
FQ 35	443315	9.7	343	Dca-s1,d1,a1	500	Drum
FQ 50	443320	11.2	458	Dca-s1,d1,a1	Cut length	Inquiry
FQ 50	443325	11.2	458	Dca-s1,d1,a1	500	Drum
FQ 70	443330	13.5	675	Dca-s1,d1,a1	Cut length	Inquiry
FQ 70	443335	13.5	675	Dca-s1,d1,a1	500	Drum
FQ 95	443340	15.6	945	Dca-s1,d1,a1	Cut length	Inquiry
FQ 120	443350	17.6	1157	Dca-s1a,d2,a1	Cut length	Inquiry
FQ 120	443355	17.6	1157	Dca-s1a,d2,a1	500	Drum
FQ 150	443360	19.4	1425	Dca-s1a,d2,a1	Cut length	Inquiry
FQ 150	443365	19.4	1425	Dca-s1a,d2,a1	500	Drum
FQ 185	443370	21.6	1833	Dca-s1a,d2,a1	Cut length	Inquiry
FQ 240	443380	24.5	2341	Dca-s1a,d2,a1	Cut length	Inquiry
FQ 240	443385	24.5	2341	Dca-s1a,d2,a1	500	Drum
FQ 300	443390	27.4	2965	Dca-s1a,d2,a1	Cut length	Inquiry
FQ 300	443395	27.4	2965	Dca-s1a,d2,a1	500	Drum
FQ 400	443400	31	4009	Dca-s1a,d2,a1	Cut length	Inquiry
FQ 400	443405	31	4009	Dca-s1a,d2,a1	500	Drum
FQ 500	443410	34.9	5051	Dca-s1a,d2,a1	Cut length	Inquiry
FQ 500	443415	34.9	5051	Dca-s1a,d2,a1	500	Drum

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