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H07RN-F Eca black# 5G6 mm2

817542



GENERAL INFO

Product description	DRAKAFLEX H07RN-F Eca is a **flexible neoprene cable**. The cable is used to connect mobile devices and motors, in temporary installations, in workshops, and on construction sites. The cable is **mechanically strong and wear-resistant** thanks to the neoprene or polychloroprene sheath. This guarantees reliable operation in environments with high mechanical strength demands. The sheath is also **very resistant to oil and weather influences** (ozone and UV light) and oil and has a long service life. The flexible conductor (Class 5) makes this cable **flexible to install** and easy to use with mobile devices. The cable meets fire grade **Eca** according to NEN-EN 50575 for use in buildings with a low fire risk according to NEN 8012.
Generic name(s)	H07RN-F, RMcL

CERTIFICATIONS AND DESIGN STANDARDS

Certifications and approvals	CE

CABLE DESIGN

Conductor material	Copper
Conductor surface	Bare
Core insulation material	EPR rubber
Stranding	Layers
Core identification acc. HD 308 S2	Yes
Material outer sheath	Neoprene rubber
Cable shape	Round

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APPLICATION PROPERTIES

Nominal voltage U0 [V]	450
Nominal voltage U [V]	750
Test voltage [kV]	2.5
Oil resistant	acc. IEC/EN 60811-404
Max. conductor temperature [°C]	60
Min. outer temperature, fixed installation [°C]	-25
Max. outer temperature, fixed installation [°C]	50
UV resistant	Yes
Outdoor installation	Yes
Min. outer temperature during installation [°C]	-25
Max. outer temperature during installation [°C]	50

FIRE PROPERTIES

Flame retardant	In accordance with EN 13501-6
CPR Euroclass reaction to fire	Eca

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PRODUCT RANGE

Product code	817542
Basic construction	5G6 mm²
Conductor category	Class 5 = flexible
Colour outer sheath	Black
Nominal outer diameter [mm]	18.5
Cable weight [kg/km]	577
Min. bending radius, fixed [mm]	95
DoP number	1001692

ELECTRICAL PROPERTIES

Product code	817542
Basic construction	5G6 mm²
Current carrying capacity [A]	36
Conductor resistance at 20° C [Ohm/km]	3.3
Conductor resistance at operation temperature [Ohm/km]	3.82

Current load according to NEN1010:2015, Table 52.B

PACKAGING

External article code	Standard packaging quantity	User unit	Packaging type
817542NN	1	MTR	Drum

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