TECHNICAL DATA SHEET

IGUS

CF35.UL.25.04

cable CHAINFLEX



General	
Cable type	**Motor cable**
Manufacturer series	**chainflex® CF35.UL**

Construction	
Cable structure	**4G2.5mm2**
Number of cores	**4**
Core section	**2.5mm2**
Kind of core	**Cu**
Core structure	**stranded**
Shield structure	**shielded, tinned copper braid**
Wire insulation material	**elastomer thermoplastic TPE**

Dimensions	
Outer diameter (d) max.	**11.5 mm**

Physical	
Weight	**207 kg/km**
Copper index	**133 kg/km**

Electrical	
Rated voltage	**0.6kV/1kV**
UL Voltage Rating	**1000 V**
Maximum conductor resistance at 20 °C	**7.98 Ω/km**
Max. current rating at 30 °C	**30 A**

Environmental	
Operating temperature	**-35...90°C**

Mechanical	
Bend radius	**63mm (factor 7.5 x d)**
Service life	**14 million strokes**

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