

ÖLFLEX® POWER IX

UDB321803EN

Date: October 25, 2023

1. APPLICATION

ÖLFLEX® POWER IX is a neoprene cordage with an international color code and a jacket which is resistant to oil, chemicals, and abrasion. ÖLFLEX® POWER IX can be used in European, American, Asian, and Canadian cordage applications; one cable does the work of four.

Applications:

Power cord for domestic and exported machinery; portable tools; data processing; control systems; commercial appliances

Underwriters Laboratories

Flexible cord for extra hard usage in accordance with the National Electrical Code (NEC)

Canadian Standards

Flexible cord for extra hard usage in accordance with the Canadian National Electrical Code (CEC)

2. CABLE DESCRIPTION

- Bare copper fine wire
- EPR insulation
- Color coded conductors
- Green/Yellow ground wire
- Black oil and chemical resistant CPE jacket

3. TECHNICAL DATA

Conductor Stranding	17 AWG (1,0 mm ²) to 7 AWG (10,0 mm ²): Class 5 (IEC 60228; VDE 0295)	
Design / Make-up	Cable is designed in accordance with the requirements of UL Standard 62 and with CSA standard C22.2 No. 49	
Insulation	Ethylene Propylene Rubber insulation	
Color Code	Colored conductors plus green/yellow (30% stripe width) 2 conductor cable: No green/yellow ground 2 Conductors: Blue & Brown 3 conductors: Brown, Blue, & Green/Yellow 4 conductors: Brown, Black, Gray & Green/Yellow 5 conductors: Blue, Brown, Black, Gray & Green/Yellow	
Outer Sheath	Chlorinated Polyethylene jacket	
Nominal Voltage	UL / CSA SOOW:	600V
	<HAR> H07RN-F:	450V / 750V
	VDE U ₀ /U:	450/750V
	IEC 60245:	450/750V
Test Voltage	2000V	
Min Bend radius	For installation:	7.5 x OD
Temperature Range	For stationary use:	-40°C to +90°C
	<HAR> H07RN-F:	-25°C to +60°C
	IEC 60245	-35°C to +60°C
Cable Attributes	OR-02, FR-01, FL-02, MP-02	

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Approvals	UL Type SOOW (Flexible Cordage) per UL 62 c(UL) SOOW per CSA C22.2 No. 49 <HAR> H07RN-F per HD 22.4 S4 CB Scheme: IEC 60245-4
Additional	NEC Article 400 NFPA 79 VDE 250-1 (meets rated voltage requirements only) LVD 2014/35/EU (Low Voltage Directive) RoHS directive UKCA