

HQ-012/0-FC - Insert

130 012 020 0001
<https://www.wainelectric.com/hq-012-0-fc>



Male/female:Female,Connection type:Crimp connection,Number of connector contacts:12,Rated current:10A,Rated voltage:400V,Wire gauge (mm²):0.14-2.5mm²,Wire gauge (AWG):26-14 AWG

Technical Data

Series	HQ insert series
Male/female	Female
Connection type	Crimp connection
Specifications	3A
Number of connector contacts	12
Grounding contacts	Yes
Rated current	10A
Rated voltage	400V
Rated pulse voltage	6KV
Inserts material	Polycarbonate
Inserts color	RAL 7032 (light gray)
Class of pollution	3
Insulation resistance	≥10 ¹⁰ Ω
Working temperature	-40°C...+125°C
Mating cycles	≥500
Flame retardant rating as per UL94	V0
Contact material	Copper alloy
Surface treatment	Silver-plated Gold-plated
Contact resistance	≤3mΩ
Wire gauge (mm²)	0.14-2.5mm²
Wire gauge (AWG)	26-14 AWG
Stripping length	0.14-1.5mm²→8mm 2.5mm²→6mm
Standard	DIN EN 60664 DIN EN 61984

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EPC/型号	WSP Series 密封圈								
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123456

密封圈
Obturator ring

技术参数:

- 接触材料: 12+PE
- 额定电流: 10A
- 额定电压: 400V
- 额定脉冲电压: 6kV
- 污染等级: 3
- 依据UL/CSA的额定电压: 600V
- 绝缘电阻: $>10^{10}\Omega$
- 材料: 聚碳酸酯
- 颜色: RAL 7032 (浅灰色)
- 温度范围: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$
- 依据UL 94的阻燃等级: V0
- 可插拔次数: >500

Technical specification:

Insulators:

- No. of contact: 12+PE
- Rated current: 10A
- Rated voltage: 400V
- Rated impulse voltage: 6kV
- Pollution degree: 3
- Rated voltage acc.to UL/CSA: 600V
- Insulation resistance: $>10^{10}\Omega$
- Material: polycarbonate
- Colour: RAL 7032(light grey)
- Temperature range: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$
- Flammability acc.to UL 94: V0
- Mating cycles: ≥ 500

Contacts:

- Terminal: crimp terminal
- Material: copper alloy
- Surface:
 - Hard-silver plated
 - Hard-gold plated
- Contact resistance: $\leq 3\text{m}\Omega$
- Wire gauge:
 - Crimp terminal: 0.14~2.5mm²(26-14 AWG)
 - PE contactant: 0.5~2.5mm²(20-14 AWG)

Tools:

- 剥线钳: TL02G
- 通针器: TL00
- 压接工具: TL02G
- 拆卸工具: TL00

变更描述/Description		签名/Signature		日期/Date	
姓名/Name	日期/Date	姓名/Name	日期/Date		
制图/Drawn	YL GAO 20.01.2024	标准名/Stand.	-		
审核/Checked	Q GAO 20.01.2024	批准/Approved	HQ ZHANG 20.01.2024		
工艺/Process	-				

表面处理/Finish		图号/Drawing No.	
材料/Material	-	产品代号/Part Code	HQ-012/0-FC
比例/Scale	1:1	产品料号/Part No.	1300120200001
版本/REV.	V1.4	产品名称/Part Name	-
重量/Weight	13.7g		

All Dimensions in mm
Original Size DIN A 4

厦门唯思电气有限公司
XIAMEN WWIN ELECTRICAL CO.LTD

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