

# QUICK CONNECT ` MAINS` CONNECTOR

The *ULTEMate* electrical `Mains` connection solution for harsh environments.

Being constructed from Ultem®, a high temperature and corrosion resistant composite material, makes this the `ULTEMate` electrical connection solution.

The Quick Connect 3 way `Mains` connector is designed to meet BS EN 60320-2-2, a specification covering the use of `Interconnection Couplers for Household and similar equipment. `

It is also chemical resistant and environmentally sealed to IP68.

It is ideal for the most rigorous `Mains` applications.



## FEATURES

- 240V AC 13Amp rated
- Early mate / late break leading Earth contact
- Quick latch mechanism
- Universal mounting
- Choice of wire seal, gland nut & over moulding
- Standard sealing O-ring
- Constructed from Ultem®, a high temperature resistant composite material
- Meets UL94 Class V-0 flammability requirements
- Sealed against dust and moisture to IP68

## BENEFITS

- Same size contact in each position
- Designed to BS EN 60320-2-2
- Positive location
- Flexible panel mounting of both halves
- Variety of options for maximum design-in flexibility
- Cost effective
- Can be washed, sterilised and autoclaved without performance degradation
- Withstands heat, dust and moisture

## GENERAL SPECIFICATION

Crimp contacts, insertion / extraction tools, dust caps and back fittings

### Materials

Shell / Insulators: Temperature and corrosion resistant composite, Ultem®  
Contacts: Copper Alloy / Gold Plated for 0.5 - 1.0mm<sup>2</sup> wire

### Back Fitting Options:

Cable Compression Seal and/or Wire Seal  
Overmould  
Panel and Flange mount  
Can be used with Conduit, Heat Shrink Tube/Boots  
(see separate Back Fittings data sheet for details)

### Contact Rating

Current Rating: 13 Amps

Working Voltage: 240Vac

Insulation resistance: 1000 MΩ

### Temperature Rating [connector]

-55 °C to 150 °C (The upper limit is the maximum internal Hot spot temperature resulting from the combination of ambient temperature and heating due to current)

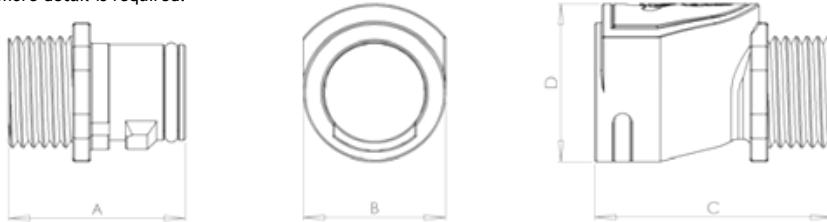


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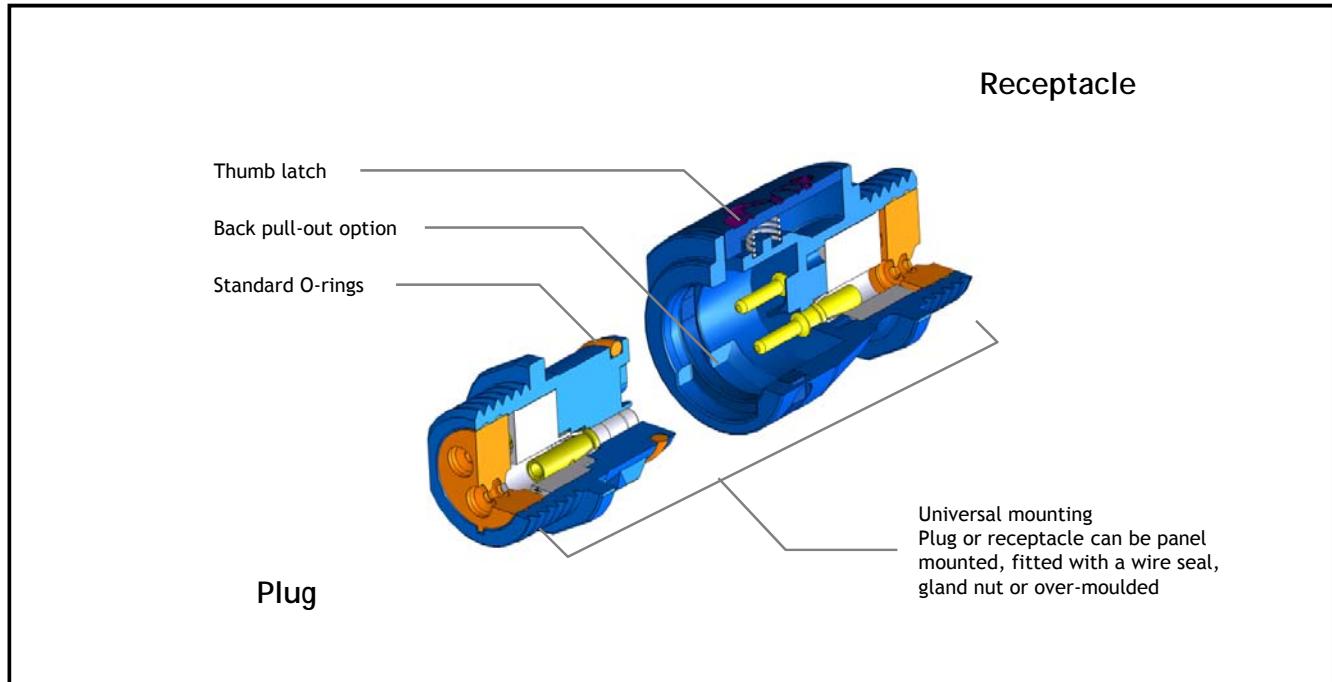
## Dimensions (mm)

	A	B	C	D
QC26/24-1603X	25	16	33	22.5

Envelope dimensions are for reference only.  
Contact Deutsch UK if more detail is required.



## Construction



## ORDERING INFORMATION

Description	Part No.
inline plug 3 way	QC26-1603X
inline receptacle 3 way	QC24-1603X
3 way wire seal	429621-03
Solid contacts Size 16 pins	429913-31
Solid contacts Size #16 sockets	429915

*A step ahead in technology*

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## Sealing Caps

Description	Part No.
Rubber pro-cap for plug only	QC28
Ultem Plug pro-cap with lanyard	QC38
Ultem Receptacle pro-cap with lanyard	QC39

## Tools

Description	Part No.
Contact insertion / extraction tool	6757-201-1601
Non Adjustable hand crimp tool 16AWG	AMSC16/A/1



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