

# FULLY INS.FLAG Q/C 6.4 X 0.8MM BLUE

Part Number: FIFQC2-6.4



## Features

- Single grip - high quality product meeting many international standards and conforms to AS 3169 and AS 4437
- Reduce installation errors - full insulation
- Funnel entry design speeds up wire terminating
- Superior long term electrical integrity

Fully Insulated Flag Terminal 6.4 x 0.8MM Blue Q/C

The comprehensive range of pre-insulated terminals is continually being developed as switchgear, contactors, terminal blocks etc. evolve.

### Pre-insulated Terminal Features

- ò High quality product meeting International Standards
- ò Funnel entry terminals allow easy conductor entry, minimising substandard crimps
- ò Long term electrical integrity
- ò Translucent nylon in fully insulated quick connector reduces installation errors
- ò Voltage rating 300V
- ò Full technical back up including QA
- ò Conforms to AS 3169 and AS4437

In support of our policy of continuous product improvement we reserve the right to change materials and specifications without notice. Drawings, where used, are not to scale. All dimensions are in millimetres and sizes given are approximate. Where possible, technical MSDS data sheets are made available on the website. All products should be installed and used in accordance with manufacturer's instructions provided. Warning: products may be the subject of registered designs and patents. Refer to website for terms and conditions on warranty.

Note: All terminals should be crimped onto the conductor with a quality crimper that is designed to crimp the specific terminal type.

## Technical Data

Conductive Material (Quick Connect Range) Brass 30% Zinc, 70% Copper Tensile Strength 580 MPa Ductile Rating 6% min Final Metal State Annealed Working Temperature Pre-Insulate - 40°C to +105°C Brass 145°C Tin plated 160°C

Conductive Material (Except Quick Connect Range) Copper 99.9% Pure Tensile Strength 200 MPa Ductile Rating 35% min Final Metal State Fully Annealed Oxygen Content 50ppm max General Electrical Properties Total Conductivity 99.5% IACS Total Resistivity 1.738 micro-ohm cm

Electroplating Material Tin Tin Content 99.9% Other Metals Lead + Antimony Plating Thickness 2.5 microns Insulation Material PVC for all except nylon 6 or nylon 66 for FIQC Breakdown Voltage 1.5kV (min) Insulation Resistance Above 100 meg ohms Working Voltage Up to 300V AC/DC Conformant Standards AS4437, AS3169 Australia CSA Canada IEC Europe UL Nema USA Demko Denmark DIN VDE Germany Kema Holland JIS Japan; Nemko Norway ASE Switzerland BS United Kingdom

## Torque Recommendations

For hardware being metric 8.8 tensile grade.

Thread Dia. (mm) Torque (Nm)

32

43

55

69

822

1044

1277

## Nominal Pull Out Force

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Pull out should be checked for each tool/terminal combination.

Wire Size (mm<sup>2</sup>) Pull Out Force kg (N)

0.25 4.6 (45)

0.50 6.0 (59)

0.75 8.6 (84)

1.00 10.1 (100)

1.50 13.2 (130)

2.50 19.6 (192)

4.00 26.5 (260)

6.00 35.2 (345)

#### Ordering Information

Single Grip Part No. Double Grip Part No. Tab Size (mm) Terminal Type Conductor Size (mm<sup>2</sup>) Colour Pack Qty

PB2-6.4DG 6.4 x 0.8 Quick Connector 1.0-2.6 Blue 50

QC2-2.8DG 2.8 x 0.8 Quick Connector 1.0-2.6 Blue 100

QC2-4.8/.5DG 2.8 x 0.5 Quick Connector 1.0-2.6 Blue 100

QC2-4.8DG 4.8 x 0.8 Quick Connector 1.0-2.6 Blue 100

QC2-6.4DG 6.4 x 0.8 Quick Connector 1.0-2.6 Blue 50

FIQC2-4.8/.5 4.8 x 0.5 Quick Connector 1.0-2.6 Blue 50

FIQC2-6.4DG 6.4 x 0.8 Quick Connector 1.0-2.6 Blue 50

MT2-6.4DG 6.4 x 0.8 Quick Connector 1.0-2.6 Blue 100

FIMT2-6.4DG 6.4 x 0.8 Quick Connector 1.0-2.6 Blue 50

FIFQC2-6.4 6.4 x 0.8 Quick Connector Flag 1.0-2.6 Blue 25

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Also available

Part No.Description

KFLAGFlag Terminal Crimper

## **Additional Information**

### **Datasheet**

[Download Datasheet](#)

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