



Member of the FM Global Group

FM Approvals
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CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

Powerfast Cords

NI / I / 2 / ABCD / T6 / 80 °C – NI-2.416

I / 2 / IIC / T6 / 80 °C – NI-2.416

D-Size Powerfast Cords

Model No.	Description
P-PWR-GKDFa bc-eM/f	Female Receptacle
P-PWR-GSDFa bc-eM/f	Male Receptacle
P-PWR-GKDa bc-d-eM	Straight Female Cord
P-PWR-GSDa bc-d-eM	Straight Male Cord
P-PWR-GKDWa bc-d-eM	Right Angle Female Cord
P-PWR-GSDWa bc-d-eM	Right Angle Male Cord

See control drawing NI-2.416 for permitted cord combinations.

a = Material Code: A, M or V

b = number/AWG of conductors: 30, 32, 34, 40, 42 or 44

c = pinout/color code: 1, 2, 3, 4, 5, 6, 7, 8, 9 or blank

d = 4-digit TC-ER cable number

e = cable length (meters)

f = Entry thread: /14.5/NPT or /14.75/NPT

A-Size Powerfast Cords

Model No.	Description
P-PWR-RKFa cd-fM/g	Female Receptacle
P-PWR RSFa cd-fM/g	Male Receptacle
P-PWR-RKa cd-e-fM	Straight Female Cord
P-PWR-RSa cd-e-fM	Straight Male Cord
P-PWR-WKa cd-e-fM	Right Angle Female Cord
P-PWR-WSa cd-e-fM	Right Angle Male Cord
P-PWR-GSDMb RKa cd-0	D-Size to A-Size Reducer

See control drawing NI-2.416 for permitted cord combinations.

a = Material Code: M or V

b = Material Code: A, M or V

c = Number/AWG of conductors: 34 or 44

d = Pinout/color code: 1, 2, 3, 4, 5, 6, 7, 8, 9 or blank

e = 4-digit cable number

f = Cable length (meters)

g = Entry thread: /14.5/NPT or /14.75/NPT

Powerfast Tees

Model No.
P-PWR-GSDa/2GKDa ce-f-g
P-PWR-GSDa/GKDa/GKDWa ce-f-g
P-PWR-GSDa/GKDa/RKb de-f-g
P-PWR-GSDa/GKDa/WKb de-f-g
P-PWR-GSDa/GKDa/Tce-f-g
P-PWR-SH-GSDa/2GKDa ce-f-g
P-PWR-SH-GSDa/GKDa/GKDW ace-f-g
P-PWR-SH-GSDa/GKDa/RKb de-f-g
P-PWR-SH-GSDa/GKDa/Tce-f-g
P-PWR-SH-GSDa/GKDa/WKb de-f-g

a = Material Code: A, M or V

b = Material Code: M or V

c = Number/AWG of conductors: 30, 32, 34, 40, 42 or 44

d = Number/AWG of conductors: 32 or 44

e = Pinout/color code: 1, 2, 3, 4, 5, 6, 7, 8, 9 or blank

f = 4-digit TC-ER cable number or blank

g = Cable length (meters), or blank

Equipment Ratings:

Nonincendive for Class I, Division 2, Groups A-D and Class I, Zone 2, Group IIC for Hazardous (Classified) Locations in accordance with control drawing NI-2.416

FM Approved for:

Turck Inc
Plymouth, MN United States



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This certifies that the equipment described has been found to comply with the following Approval Standards and other documents:

Class 3600	2011
Class 3611	2004
Class 3810	2005
ANSI/ISA 61010-1	2004

Original Project ID: 3039564

Approval Granted: May 24, 2012

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
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FM Approvals LLC

J.E. Marquedant
Group Manager, Electrical

24 May 2012

Date