

File E184763
Project 4788558390

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REPORT

on

COMPONENT - Terminal Blocks for Use in Zone Classified Hazardous Locations

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DESCRIPTION

PRODUCT COVERED:

*USR/CNR - Disconnecting Feed Through Terminal Block, Cat. Nos. ADT 2.5 2C, ADT 2.5 3C, ADT 2.5 4C, ADT 4 2C, AAP21 4 DT, **A2T 2,5 DT/DT, A2T 4 DT-FT and A2T 4 DT-FT-PE** all followed by 1 thru 4 letters or blank for use in Class I, Zone 2, AEx ec IIC **Gc** resp. Ex ec IIC **Gc**.

USR/CNR - Feed Through Terminal Block with Fuseholder, Cat. Nos. AFS 4 2C, AAP21 4 FS and AAP22 4 LI-FS, **A2T 4 FS-FT, A2T 4 FS-FT-PE**, may be followed by 10, 30, 60 or 100, followed by -, followed by 36, 70, 150 or 250, followed by V, may be followed by BK or OR. for use in Class I, Zone 2, AEx ec IIC **GC** resp. Ex ec IIC **Gc**.

GENERAL:

The devices are terminal blocks for use in explosive atmospheres when installed and used in accordance with the conditions of acceptability. The terminal blocks are suitable for snap-on mounting on TS 35 DIN rail. All models have Push-In type (wire secured by Spring Type Action) connections. They have features as indicated in the following table:

Model no.	Disconnect terminal	test dis-connect	fuse terminal	Distribution terminal
ADT 2.5 2C	X	-	-	-
ADT 2.5 3C	X	-	-	-
ADT 2.5 4C	X	-	-	-
ADT 4 2C	X	-	-	-
AFS 4 2C BK	-	-	X	-
AFS 4 2C 10-36V BK	-	-	X	-
AFS 4 2C 30-70V BK	-	-	X	-
AFS 4 2C 60-150V BK	-	-	X	-
AFS 4 2C 100-250V BK	-	-	X	-
AAP21 4 DT	-	X	-	-
AAP21 4 FS	-	-	X	-
AAP21 4 FS 10-36V	-	-	X	-
AAP21 4 FS 30-70V	-	-	X	-
AAP21 4 FS 60-150V	-	-	X	-
AAP21 4 FS 100-250V	-	-	X	-
AAP22 4 LI-FS	-	-	-	X
AAP22 4 LI-FS 10-36V	-	-	X	-
AAP22 4 LI-FS 30-70V	-	-	X	-
AAP22 4 LI-FS 60-150V	-	-	X	-
AAP22 4 LI-FS 100-250V	-	-	X	-
AAP21 4 FS 100-250V OR	-	-	X	-

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Model no.	Disconnect terminal	test dis- connect	fuse terminal	Distribution terminal
A2T 4 FS-FT BK	-	-	X	-
A2T 4 FS-FT 10-36V BK	-	-	X	-
A2T 4 FS-FT 30-70V BK	-	-	X	-
A2T 4 FS-FT 60-150V BK	-	-	X	-
A2T 4 FS-FT 100-250V BK	-	-	X	-
A2T 4 FS-FT-PE BK	-	-	X	-
A2T 4 FS-FT-PE 10-36V BK	-	-	X	-
A2T 4 FS-FT-PE 30-70V BK	-	-	X	-
A2T 4 FS-FT-PE 60-150V BK	-	-	X	-
A2T 4 FS-FT-PE 100- 250V BK	-	-	X	-
A2T 4 DT-FT	X	-	-	-
A2T 4 DT-FT-PE	X	-	-	-
A2T 2,5 DT/DT	X	-	-	-
A2T 2,5 DT/DT DL	X	-	-	-

These components shall comply with ordinary locations File E60693, issued date 2016-07-29 (ADT 2.5 2C, ADT 2.5 3C and ADT 2.5 4C, A2T 2,5 DT/DT, A2T 2,5 DT/DT DL) or issued date 2016-10-14 (all other models), covering for this manufacturer and with the following description. Should the Procedure File E60693, issued date 2016-07-29 or issued date 2016-10-14 be withdrawn, labeling under this Procedure must be discontinued until authorization to resume is received. In case of any discrepancy between this File and File E60693, issued date 2016-07-29 or issued date 2016-10-14 this file has precedence.

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RATINGS:

Models	Rated Voltage	Max. Rated Current, A	Wire Range, AWG - Copper	FW	Wire Type
ADT 2.5 2C	300	20	28-12	2	Sol/Str
ADT 2.5 3C	300	20	28-12	2	Sol/Str
ADT 2.5 4C	300	20	28-12	2	Sol/Str
ADT 4 2C	600	20	26-10	2	Sol/Str
AFS 4 2C BK	250	10	26-10	2	Sol/Str
AFS 4 2C 10-36V BK	36	10	26-10	2	Sol/Str
AFS 4 2C 30-70V BK	70	10	26-10	2	Sol/Str
AFS 4 2C 60-150V BK	150	10	26-10	2	Sol/Str
AFS 4 2C 100-250V BK	250	10	26-10	2	Sol/Str
AAP21 4 DT	250	10	26-10	2	Sol/Str
AAP21 4 FS	250	10	26-10	2	Sol/Str
AAP21 4 FS 10-36V	36	10	26-10	2	Sol/Str
AAP21 4 FS 30-70V	70	10	26-10	2	Sol/Str
AAP21 4 FS 60-150V	150	10	26-10	2	Sol/Str
AAP21 4 FS 100-250V	250	10	26-10	2	Sol/Str
AAP22 4 LI-FS	250	10	26-10	2	Sol/Str
AAP22 4 LI-FS 10-36V	250	10	26-10	2	Sol/Str
AAP22 4 LI-FS 30-70V	250	10	26-10	2	Sol/Str
AAP22 4 LI-FS 60-150V	250	10	26-10	2	Sol/Str
AAP22 4 LI-FS 100-250V	250	10	26-10	2	Sol/Str
AAP21 4 FS 100-250V OR	250	10	26-10	2	Sol/Str

RATINGS CONT'D.:

Models	Rated Voltage	Max. Rated Current, A	Wire Range, AWG - Copper	FW	Wire Type
A2T 4 FS-FT BK	250	6.3	26-12	2	Sol/Str
A2T 4 FS-FT 10-36V BK	36		26-12	2	Sol/Str
A2T 4 FS-FT 30-70V BK	70		26-12	2	Sol/Str
A2T 4 FS-FT 60-150V BK	150		26-12	2	Sol/Str
A2T 4 FS-FT 100-250V BK	250		26-12	2	Sol/Str
A2T 4 FS-FT-PE BK	250		26-12	2	Sol/Str
A2T 4 FS-FT-PE 10-36V BK	36		26-12	2	Sol/Str
A2T 4 FS-FT-PE 30-70V BK	70		26-12	2	Sol/Str
A2T 4 FS-FT-PE 60-150V BK	150		26-12	2	Sol/Str
A2T 4 FS-FT-PE 100-250V BK	250		26-12	2	Sol/Str
A2T 4 DT-FT	150	16	26-12	2	Sol/Str
A2T 4 DT-FT-PE	150		26-12	2	Sol/Str
A2T 2,5 DT/DT	300	16	26-12	2	Sol/Str
A2T 2,5 DT/DT DL	300	16	26-12	2	Sol/Str