

File E184763
Project 4787627816

January 6, 2017

REPORT

on

TERMINAL BLOCKS FOR USE IN ZONE CLASSIFIED HAZARDOUS LOCATIONS - COMPONENT
[XCIB2]

WEIDMUELLER INTERFACE GMBH & CO KG
KLINGENBERGSTR 16
DETMOLD, 32758, DE

Copyright © 2017 UL LLC.

UL LLC authorizes the above named company to reproduce this Report
provided it is in its entirety.

DESCRIPTION:

PRODUCT COVERED:

USR - Terminal blocks, WSI 6, WSI 6/LD 250AC LLC, WSI 6/LD 10-36V LLC, WSI 6/LD 30-70V LLC, WSI 6/LD 60-150V LLC, WTR 4 STB, WTR 4, WTR 4/SI LD 36V, WTR 4/SI LD 150V, WTR 4/SI LD 70V, WTR 4/SI LD 250V, WTR 4 **SI**, **WMF 2.5 FU SW**, **WMF 2.5 FU 10-36V SW**, **WMF 2.5 FU 100-250V SW**, **WMF 2.5 FU 60-150V SW**, **WMF 2.5 FU 30-70V SW**, **WMF 2.5 FU PE SW**, **WMF 2.5 FU PE 10-36V SW**, **WMF 2.5 FU PE 100-250V SW**, **WMF 2.5 FU PE 60-150V SW**, **WMF 2.5 FU PE 30-70V SW**, **WMF 2.5 DI**, **WMF 2.5 DI PE**, **WMF 2.5 DI PE STB**, **WMF 2.5**, **WTR 2.5 STB 2.3**, **WTR 2.5** for use in Class I, Zone 2, AEx nA IIC

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 two screw connections and an additional screw connection for PE if applicable.** They have features as indicated in the following table:

Model no.	PE connector	test dis-connect	fuse holder	fuse plug
WSI 6			x	
WSI 6/LD 250AC LLC			x	
WSI 6/LD 10-36V LLC			x	
WSI 6/LD 30-70V LLC			x	
WSI 6/LD 60-150V LLC			x	
WTR 4 STB		x		
WTR 4		x		
WTR 4/SI LD 36V				x
WTR 4/SI LD 150V				x

Model no.	PE connector	test disconnect	fuse holder	fuse plug
WTR 4/SI LD 70V				x
WTR 4/SI LD 250V				x
WTR 4 SI				x
WMF 2.5 FU SW			x	
WMF 2.5 FU 10-36V SW			x	
WMF 2.5 FU 100-250V SW			x	
WMF 2.5 FU 60-150V SW			x	
WMF 2.5 FU 30-70V SW			x	
WMF 2.5 FU PE SW	x		x	
WMF 2.5 FU PE 10-36V SW	x		x	
WMF 2.5 FU PE 100-250V SW	x		x	
WMF 2.5 FU PE 60-150V SW	x		x	
WMF 2.5 FU PE 30-70V SW	x		x	
WMF 2.5 DI		x		
WMF 2.5 DI PE	x	x		
WMF 2.5 DI PE STB	x	x		
WTR 2.5		x		
WTR 2.5 STB 2.3		x		
WMF 2.5	Feed-through terminal			

These components shall comply with ordinary locations File E60693, **issued date 1984-10-04 (WSI 6*, WTR 4*) or issued date 2003-12-11 (WTR 2.5, WTR 2.5 STB 2.3) or issued date 2010-06-25 (WMF 2.5*)**, covering for this manufacturer and with the following description. Should the Procedure File E60693, **issued date 1984-10-04 or issued date 2003-12-11 or issued date 2010-06-25** 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 1984-10-04 or issued date 2003-12-11 or issued date 2010-06-25 this file has precedence.**

RATINGS:

Models	Rated Voltage	Max. Rated Current	Wire Range, AWG - Copper	Torque Nm	FW	Wire Type	CA
WSI 6	500 V	6.3 A	20-8	1.6	2	CU	2 (120) , 4
WSI 6/LD 250AC LLC	250 V	6.3 A	20-8	1.6	2	CU	2 (120) , 4
WSI 6/LD 10-36V LLC	36 V	6.3 A	20-8	1.6	2	CU	2 (120) , 4
WSI 6/LD 30-70V LLC	70 V	6.3 A	20-8	1.6	2	CU	2 (120) , 4
WSI 6/LD 60-150V LLC	150 V	6.3 A	20-8	1.6	2	CU	2 (120) , 4
WTR 4 STB	400 V	22 A	22-10	0.5	2	CU	2 (120) , 4
WTR 4	400 V	22 A	22-10	0.6	2	CU	2 (120) , 4
WTR 4/SI LD 36V	36 V	6.3 A	22-10	0.5 - 0.6	2	CU	2 (120) , 4
WTR 4/SI LD 150V	150 V	6.3 A	22-10	0.5 - 0.6	2	CU	2 (120) , 4
WTR 4/SI LD 70V	70 V	6.3 A	22-10	0.5 - 0.6	2	CU	2 (120) , 4
WTR 4/SI LD 250V	250 V	6.3 A	22-10	0.5 - 0.6	2	CU	2 (120) , 4
WTR 4 SI	250 V	6.3 A	22-10	0.5 - 0.6	2	CU	2 (120) , 4
WMF 2.5 FU SW	250 V	6.3 A	26-12 2 (16)	0.5 - 0.6	2	CU	2 (120) , 4
WMF 2.5 FU 10-36V SW	36 V	6.3 A	26-12 2 (16)	0.5 - 0.6	2	CU	2 (120) , 4
WMF 2.5 FU 100-250V SW	250 V	6.3 A	26-12 2 (16)	0.5 - 0.6	2	CU	2 (120) , 4
WMF 2.5 FU 60-150V SW	150 V	6.3 A	26-12 2 (16)	0.5 - 0.6	2	CU	2 (120) , 4
WMF 2.5 FU 30-70V SW	70 V	6.3 A	26-12 2 (16)	0.5 - 0.6	2	CU	2 (120) , 4
WMF 2.5 FU PE SW	250 V	6.3 A	26-12 2 (16)	0.5 - 0.6	2	CU	2 (120) , 4
WMF 2.5 FU PE 10-36V SW	36 V	6.3 A	26-12 2 (16)	0.5 - 0.6	2	CU	2 (120) , 4
WMF 2.5 FU PE 100-250V SW	250 V	6.3 A	26-12 2 (16)	0.5 - 0.6	2	CU	2 (120) , 4
WMF 2.5 FU PE 60-150V SW	150 V	6.3 A	26-12 2 (16)	0.5 - 0.6	2	CU	2 (120) , 4
WMF 2.5 FU PE 30-70V SW	70 V	6.3 A	26-12 2 (16)	0.5 - 0.6	2	CU	2 (120) , 4
WMF 2.5 DI	500 V	19 A	26-12	0.5 - 0.6	2	CU	2 (120) , 4
WMF 2.5 DI PE	500 V	19 A	26-12	0.5 - 0.6	2	CU	2 (120) , 4
WMF 2.5 DI PE STB	500 V	19 A	26-12	0.5 - 0.6	2	CU	2 (120) , 4
WTR 2.5 STB 2.3	300 V	20 A	26-12	0.5	2	CU	2 (120) , 4
WTR 2.5	500 V	20 A	26-12	0.5	2	CU	2 (120) , 4
WMF 2.5	500 V	20 A	26-12	0.5 - 0.6	2	CU	2 (120) , 4