

# Certificate of Compliance

**Certificate:** 2329965

**Master Contract:** 161378

**Project:** 2331011

**Date Issued:** September 8, 2010

**Issued to:** ABB France

Activité Raccordement, BP 114  
10 rue Ampères  
Chassieu Cedex, 69685  
France  
Attention: Laurence Pionchon

*The products listed below are eligible to bear the CSA Mark shown*



**Issued by:** Pierre-Luc Avoine, Eng.

## **PRODUCTS**

**CLASS 6228 01** - WIRE CONNECTING DEVICES - Terminal Assemblies

Screw-tightening pressure type terminal block Series ZS, Cat. Nos. ZS followed by 4, 6, 10, 16 or 70, followed by -PE, -SF, -SF-T2, -SF1, -SF1-T2, -S, -S-T2, -S-T2.3, -SP, -SP-T2, -R1, -SF-R1, -SF-R2, -SF-R3, -SF-R4, -SF1-R1, -SF1-R2, -SF1-R3, -SF1-R4, -S-R1, -S-T2-R1, -S-T2.3-R1, -SP-R1, -SP-T2-R1, -S-R2, -S-R3, -D1, -D2 or blank, followed by BL, OR, YL, GN, RD, PR, BR, WH, BK or blank.

Screw-tightening pressure type terminal Blocks Series ZS, Cat. No. ZS95-PE.

## **Ratings:**

ZS4, 24-12 AWG, SOL/STR, 0.5-0.7 Nm, 600 V, 20 A

ZS6, 24-10 AWG, SOL/STR, 0.7-1.0 Nm, 600 V, 30 A

ZS10, 24-6 AWG, SOL/STR, 1.0-1.6 Nm, 600 V, 42 A

ZS16, 24-4 AWG, SOL/STR, 1.6-2.4 Nm, 600 V, 67 A

ZS4-PE, 24-12 AWG, SOL/STR, 0.5-0.7 Nm

ZS6-PE, 24-10 AWG, SOL/STR, 0.7-1.0 Nm

ZS10-PE, 24-6 AWG, SOL/STR, 1.0-1.6 Nm



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ZS16-PE, 24-4 AWG, SOL/STR, 1.6-2.4 Nm  
ZS4-SF, 24-10 AWG, SOL/STR, 0.5-0.7 Nm, 150 V, 6.3 A  
ZS4-SF-R1, ZS4-SF-R2, 24-10 AWG, SOL/STR, 0.5-0.7 Nm, 150 V (2), 6.3 A  
ZS4-SF-R3, ZS4-SF-R4, 24-10 AWG, SOL/STR, 0.5-0.7 Nm, 150 V, 6.3 A  
ZS4-SF-T2, 24-10 AWG, SOL/STR, 0.5-0.7 Nm, 150 Nm, 6.3 A  
ZS4-SF1, 24-10 AWG, SOL/STR, 0.5-0.7 Nm, 300 Nm, 6.3 A  
ZS4-SF1-R1, ZS4-SF1-R2, 24-10AWG, SOL/STR, 0.5-0.7 Nm, 300 V (2), 6.3 A  
ZS4-SF1-R3, ZS4-SF1-R4, 24-10 AWG, SOL/STR, 0.5-0.7 Nm, 300 V, 6.3 A  
ZS4-SF1-T2, 24-10AWG, SOL/STR, 0.5-0.7 Nm, 300 V, 6.3 A  
ZS4-S, 24-10 AWG, SOL/STR, 0.5-0.7 Nm, 150 V, 25 A  
ZS4-S-T2, 24-10 AWG, SOL/STR, 0.5-0.7 Nm, 150 V, 25 A  
ZS4-S-T2.3, 24-10 AWG, SOL/STR, 0.5-0.7 Nm, 150 V, 25 A  
ZS4-SP, 24-10 AWG, SOL/STR, 0.5-0.7 Nm, 150 V, 18 A  
ZS4-SP-T2, 24-10 AWG, SOL/STR, 0.5-0.7 Nm, 150 V, 18 A  
ZS4-R1, 24-10 AWG, SOL/STR, 0.5-0.7 Nm, 300 V, 26 A  
ZS4-S-R1, 24-10 AWG, SOL/STR, 0.5-0.7 Nm, 150 V, 26 A  
ZS4-S-T2-R1, 24-10 AWG, SOL/STR, 0.5-0.7 Nm, 150 V, 26 A  
ZS4-S-T2.3-R1, 24-10 AWG, SOL/STR, 0.5-0.7 Nm, 150 V, 26 A  
ZS4-SP-R1, 24-10 AWG, SOL/STR, 0.5-0.7 Nm, 150 V, 20 A  
ZS4-SP-T2-R1, 24-10 AWG, SOL/STR, 0.5-0.7 Nm, 150 V, 20 A  
ZS4-S-R2, 24-10 AWG, SOL/STR, 0.5-0.7 Nm, 150 V, 13 A  
ZS4-S-R3, 24-10 AWG, SOL/STR, 0.5-0.7 Nm, 300 V, 18 A  
ZS4-D1, 24-12 AWG, SOL/STR, 0.5-0.7 Nm, 300 V, 20 A  
ZS4-D2, 24-12 AWG, SOL/STR, 0.5-0.7 Nm, 300 V, 20 A  
ZS6-D1, 24-10 AWG, SOL/STR, 0.7-1.0 Nm, 300 V, 30 A



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ZS6-D2, 24-10 AWG, SOL/STR, 0.7-1.0 Nm, 300 V, 30 A

ZS70, 4-2/0 AWG, STR, 6.0-7.0 Nm, 600 V, 159 A

ZS70-PE, 4-2/0 AWG, STR, 6.0-7.0 Nm

ZS95-PE, 2-4/0 AWG, STR, 9.0-9.5 Nm

Notes:

(1) - Maximum Solid wire is 10AWG.

(2) - Models ZS4-SF-R1, ZS4-SF-R2, ZS4-SF1-R1 and ZS4-SF1-R2 will be used under 60V maximum because electronic element is 24-60V rated.

(D) - These limited ratings are applicable to a terminal block for use in or with industrial control equipment whereby the load on any single circuit of the terminal block does not exceed 15 A at 51-150 V, 10 A at 151-300 V, or 5 A at 301-600 V, or the maximum ampere rating, whichever is less.

Notes:

1. The terminal blocks are certified as components for use in certified equipment where the acceptability of the combination is to be determined by CSA.

2. The catalogue numbers are completed with suffixes indicating color of body, number of conductors, number of poles and mechanical details.

**APPLICABLE REQUIREMENTS**

CSA Standard C22.2 No. 158-10 - Terminal Blocks