

SIMATIC DP,  
 TERMINAL BLOCK TB1/DC (ET 200B) FOR DIGITAL  
 ELECTR. SUBMODULES WITH 3-WIRE SCREW  
 TERMINALS,  
 W=160MM

| Supply voltage  |   |
|---|---|
| 24 V DC   | Yes   |
| permissible range (ripple included), lower limit (DC) | 18.5 V                                      |
| permissible range (ripple included), upper limit (DC) | 30 V  |
| Input current   |   |
| internal logic 24 V DC, min.                          | 100 mA                                      |
| internal logic 24 V DC, max.                          | 170 mA                                      |
| Galvanic isolation                                    |   |
| between electronic block and PROFIBUS DP              | Yes   |
| Degree and class of protection                        |   |
| IP20  | Yes   |
| Ambient conditions                                    |   |
| Operating temperature                                 |   |
| Min.  | 0 °C  |
| max.  | 60 °C                                       |
| Connection method                                     |   |
| Inputs/outputs  | TB1: screw terminals; TB3: spring terminals |
| Dimensions  |   |
| Width   | 160 mm                                      |
| Height  | 130 mm                                      |
| Depth   | 59 mm                                       |
| Weights   |   |
| Weight, approx.                                       | 600 g                                       |
| Status  | Dec 2, 2013                                 |