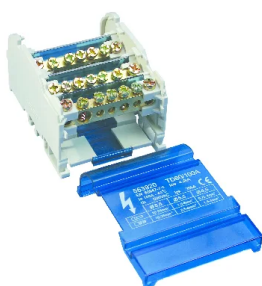


# Four Pole Distribution Block, 80/100 A, 2 Line Side & 13 Load Side Connections

## Data Solutions

### KATALOGOVÉ ČÍSLO

**TD-80-100ALL**



### CERTIFICATIONS



### VLASTNOSTI

Minimum space for maximum power

Protection cover and insulating screens are transparent

Insulating screen between each row

Easy and safe connections

Easily clips onto DIN rail or mounts to panel with screws

Solid bars provide reliability

Wiring with or without terminal

RoHS compliant

Conforms to EN 45545 obtaining an HL3 classification for chapter R23 and HL2 classification for chapter R22

Halogen free

VLASTNOSTI PRODUKTU

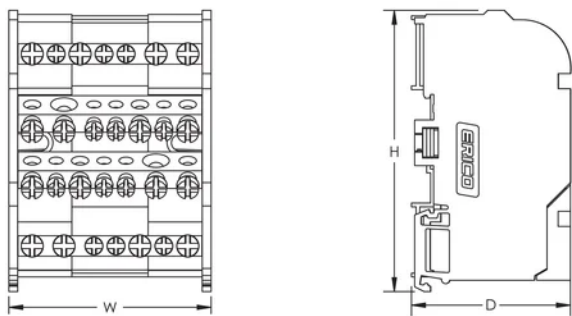
|                                                                           |
|---------------------------------------------------------------------------|
| Article Number: 563940                                                    |
| Materiál: Thermoplastic; Brass                                            |
| Max Current Rating, IEC: 100A                                             |
| Short Term Withstand Current (Icw) 1s: 4.5kA                              |
| Peak Short Circuit Current (Ipk): 20kA                                    |
| Max Working Voltage, IEC (Ui): 500V                                       |
| Line Side Number of Connections: 2                                        |
| Line Side Compact Stranded Wire Size: 10 - 25 mm²                         |
| Line Side Stranded Wire Size - Ferrule: 10 – 25mm²                        |
| Load Side Number of Connections: 13                                       |
| Load Side Compact Stranded Wire Size: (6) 1,5 - 4 mm²; (7) 2,5 - 6 mm²    |
| Load Side Stranded Wire Size - Ferrule: (6) 0,75 – 4 mm²; (7) 1,5 – 6 mm² |
| Hloubka (D): 50mm                                                         |
| Height (H): 90mm                                                          |
| Width (W): 130mm                                                          |
| Unit Weight: 0.4kg                                                        |
| Flammability Rating: UL® 94V-0                                            |
| Complies With: IEC® 60947-7-1                                             |

DALŠÍ PODROBNOSTI O PRODUKTU

Line side and load side number of connections are per pole.

| Design Guideline for Distribution Blocks, Power Blocks and Power Terminals              |     |     |     |      |      |      |      |      |      |      |
|-----------------------------------------------------------------------------------------|-----|-----|-----|------|------|------|------|------|------|------|
| Derating according to Ambient* Temperature (°C) to maintain working temperature of 85°C |     |     |     |      |      |      |      |      |      |      |
| Ambient Temperature (°C)                                                                | 30° | 35° | 40° | 45°  | 50°  | 55°  | 60°  | 65°  | 70°  | 75°  |
| Derating Coefficient (d)                                                                | 1   | 1   | 1   | 0.94 | 0.88 | 0.82 | 0.75 | 0.67 | 0.58 | 0.47 |
| *environment around the terminal blocks inside the enclosure                            |     |     |     |      |      |      |      |      |      |      |

DIAGRAMS



## UPOZORNĚNÍ

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Produkty nVent musí být instalovány a používány pouze tak, jak je uvedeno v instrukčních listech a materiálech pro školení nVent. Instrukční listy jsou k dispozici na [www.nvent.com](http://www.nvent.com) a od vašeho zástupce zákaznického servisu nVent. Nesprávná instalace, zneužití, nesprávné použití nebo jiný nedostatek úplného dodržování pokynů a varování nVent může způsobit selhání produktu, poškození majetku, vážné zranění osob a smrt a/nebo zrušit vaši záruku.



Naše portfolio silných značek:

**CADDY   ERICO   HOFFMAN   ILSCO   SCHROFF   TRACHTE**