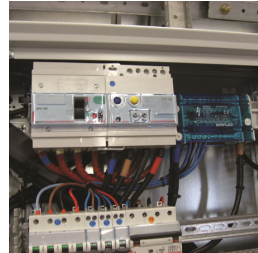
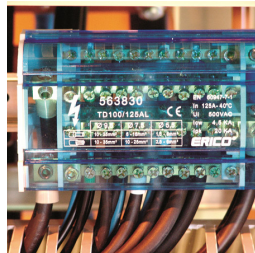
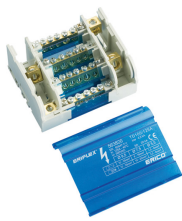
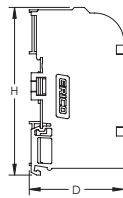
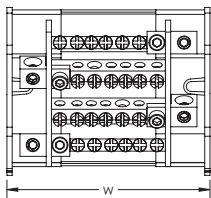


# TD Compact Four Pole Distribution Block, 100/125 A – TD-100-125ALL (563840)



- 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
- Input separated from outputs
- Strong mechanical assembly
- Neutral bar available
- RoHS compliant
- Conforms to EN 45545 obtaining an HL3 classification for chapter R23 and HL2 classification for chapter R22
- Halogen free



|  |  |
|--|--|
| Part Number  | TD-100-125ALL  |
| Article Number                                     | 563840   |
| Material   | Thermoplastic<br>Brass   |
| Max Current Rating, IEC                            | 125 A  |
| Short Term Withstand Current [I <sub>cw</sub> ] 1s | 4,5 kA   |
| Peak Short Circuit Current [I <sub>pk</sub> ]      | 21 kA  |
| Max Working Voltage, IEC (U <sub>i</sub> )         | 690 V  |
| Line Side Number of Connections                    | 1  |
| Line Side Compact Stranded Wire Size               | 10 - 35 mm <sup>2</sup>  |
| Line Side Stranded Wire Size - Ferrule             | 10 - 35 mm <sup>2</sup>  |
| Load Side Number of Connections                    | 14   |
| Load Side Compact Stranded Wire Size               | (11) 2,5 - 6 mm <sup>2</sup><br>(1) 10 - 25 mm <sup>2</sup><br>(2) 10 - 35 mm <sup>2</sup> |
| Load Side Stranded Wire Size - Ferrule             | (11) 1,5 - 6 mm <sup>2</sup><br>(1) 6 - 16 mm <sup>2</sup><br>(2) 10 - 25 mm <sup>2</sup>  |
| Depth (D)  | 50 mm  |
| Height (H)   | 90 mm  |

|                             |   |
|-----------------------------|---|
| Part Number                 | TD-100-125ALL   |
| Width (W)                   | 182 mm  |
| Unit Weight                 | 0.55 kg   |
| Flammability Rating         | UL® 94V-0   |
| Complies With               | IEC® 60947-7-1  |
| Certifications              | CE, ERIFLEX TD<br>EAC 02942 (Russian Federation)<br>EN 45545 HL3/R23, UD/BD/TD/SB<br>RoHS |
| Standard Packaging Quantity | 1 pc  |
| UPC                         | 78285687814   |
| EAN-13                      | 3479775638409   |

| 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                            |     |     |     |      |      |      |      |      |      |      |

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

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#### WARNING

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