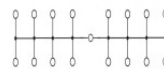
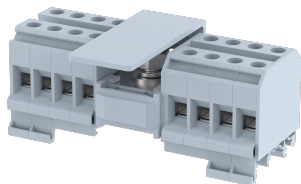


## DBK1X8

Terminal Type - DBK1X8, Distribution Block, nominal voltage: 800 V, nominal current: IC-114 A, OG-57 A, Rated cross-section- IC-35 mm<sup>2</sup>, OG-10 mm<sup>2</sup>, connection method: 1 Nut connection for IC & Screw connection for OG, number of connections: 17, cross-section: IC-10 -50 mm<sup>2</sup>, OG-2.5 - 16 mm<sup>2</sup>, mounting type: TS 35/7.5, TS 35/15, TS32



### Approvals



### General Information

|                             |                                                                                           |
|-----------------------------|-------------------------------------------------------------------------------------------|
| Product Name                | DBK1X8                                                                                    |
| Connection Method           | 1 nut connection for IC & Screw clamp connection for OG                                   |
| Rating                      | 800 V/IC-114 A, OG-57 A/IC-35 mm <sup>2</sup> , OG-10 mm <sup>2</sup> /IC-6 Nm, OG-1.2 Nm |
| HSN Number                  | 85389000                                                                                  |
| Standard Packing Qty(in No) | 5                                                                                         |
| Country Of Origin           | India                                                                                     |
| Screw thread                | IC-M8, OG-M4                                                                              |

### Dimensions & Weight

|                             |          |           |
|-----------------------------|----------|-----------|
| Width                       | 68 mm    | 2.68 inch |
| Length                      | 114.5 mm | 4.51 inch |
| Height                      | 50.3 mm  | 1.98 inch |
| Weight of std. Packing Unit | 1.15 Kg  |           |

### Material Data

|                     |                                                |
|---------------------|------------------------------------------------|
| Insulating Material | Polyamide 6,6                                  |
| Standard Colour     | Gray                                           |
| Colour Variants     | Red, Yellow, Blue, Black, Green, Khakhi, Gray, |

### Rated Conductor Size

|                                      |                                                |
|--------------------------------------|------------------------------------------------|
| Conductor cross section flexible min | IC-10 mm <sup>2</sup> , OG-2.5 mm <sup>2</sup> |
| Conductor cross section flexible max | IC-50 mm <sup>2</sup> , OG-10 mm <sup>2</sup>  |
| Conductor cross section solid min    | IC-10 mm <sup>2</sup> , OG-2.5 mm <sup>2</sup> |
| Conductor cross section solid max    | IC-50 mm <sup>2</sup> , OG-16 mm <sup>2</sup>  |

## Ratings - IEC

|                                  |                                               |
|----------------------------------|-----------------------------------------------|
| Connection in acc. with standard | IEC 60947-7-1                                 |
| Nominal Voltage $U_n$            | 800 V                                         |
| Nominal Current $I_n$            | IC-114 A, OG-57 A                             |
| Nominal cross section            | IC-35 mm <sup>2</sup> , OG-10 mm <sup>2</sup> |
| Short-time current               | 4.2 kA                                        |
| Rated surge voltage              | 8 kV                                          |
| Degree of pollution              | 3                                             |

## Ratings - ATEX

|                               |                 |
|-------------------------------|-----------------|
| ATEX Standard                 |                 |
| ATEX Nominal Voltage $U_n$    | V               |
| ATEX Nominal Current $I_n$    | A               |
| ATEX Cross Sec. Flexible Max. | mm <sup>2</sup> |

## Ratings - CSA

|                               |     |
|-------------------------------|-----|
| CSA Standard                  |     |
| B - CSA Nominal Voltage $U_N$ | V   |
| B - CSA Nominal Current $I_N$ | A   |
| B - CSA Wire Min              | AWG |
| B - CSA Wire Max              | AWG |

## Ratings - UL

|                              |                          |
|------------------------------|--------------------------|
| UL Standard                  | UL 1059                  |
| B - UL Nominal Voltage $U_N$ | 600 V                    |
| B - UL Nominal Current $I_N$ | IC -130 A , OG-130 A     |
| B - UL Wire Min              | IC - 8 AWG , OG - 16 AWG |
| B - UL Wire Max              | IC - 1 AWG , OG - 6 AWG  |