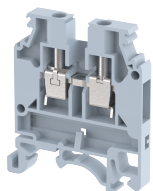


## KUT4N

Terminal Type - KUT4N , Feed-through terminal block for photo voltaic applications , nominal voltage: 1000 V, nominal current: 32 A, connection method: Screw connection, number of connections: 2, cross section: 0.5 mm<sup>2</sup> - 6 mm<sup>2</sup>, AWG: 20 - 10, mounting type: TS 35/7.5, TS 35/15 , TS 32



### Approvals



### General Information

|                             |                                       |
|-----------------------------|---------------------------------------|
| Product Name                | KUT4N                                 |
| Connection Method           | Screw Connection                      |
| Rating                      | 1000 V/32 A/4 mm <sup>2</sup> /0.5 Nm |
| HSN Number                  | 85389000                              |
| Standard Packing Qty(in No) | 100                                   |
| Country Of Origin           | INDIA                                 |
| Screw thread                | M3                                    |

### Dimensions & Weight

|                             |          |           |
|-----------------------------|----------|-----------|
| Width                       | 6 mm     | 0.24 inch |
| Length                      | 44.25 mm | 1.74 inch |
| Height                      | 50.8 mm  | 2 inch    |
| Weight of std. Packing Unit | 1.25 Kg  |           |

### Material Data

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

### Rated Conductor Size

|                                      |                     |
|--------------------------------------|---------------------|
| Conductor cross section flexible min | 0.5 mm <sup>2</sup> |
| Conductor cross section flexible max | 4 mm <sup>2</sup>   |
| Conductor cross section solid min    | 0.5 mm <sup>2</sup> |
| Conductor cross section solid max    | 6 mm <sup>2</sup>   |

## Ratings - IEC

|                                  |                   |
|----------------------------------|-------------------|
| Connection in acc. with standard | IEC 60947-7-1     |
| Nominal Voltage $U_n$            | 1000 V            |
| Nominal Current $I_n$            | 32 A              |
| Nominal cross section            | 4 mm <sup>2</sup> |
| Short-time current               | 0.48 kA           |
| Rated surge voltage              | 12 kV             |
| Degree of pollution              | 3                 |

## Ratings - ATEX

|                               |                   |
|-------------------------------|-------------------|
| ATEX Standard                 | EN 60079-7        |
| ATEX Nominal Voltage $U_n$    | 630 V             |
| ATEX Nominal Current $I_n$    | 24 A              |
| ATEX Cross Sec. Flexible Max. | 4 mm <sup>2</sup> |

## Ratings - CSA

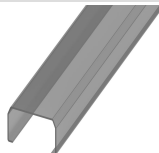
|                               |       |
|-------------------------------|-------|
| CSA Standard                  |       |
| B - CSA Nominal Voltage $U_n$ | 0 V   |
| B - CSA Nominal Current $I_n$ | 0 A   |
| B - CSA Wire Min              | 0 AWG |
| B - CSA Wire Max              | 0 AWG |

## Ratings - UL

|                              |         |
|------------------------------|---------|
| UL Standard                  | UL 1059 |
| B - UL Nominal Voltage $U_n$ | 600 V   |
| B - UL Nominal Current $I_n$ | 30 A    |
| B - UL Wire Min              | 20 AWG  |
| B - UL Wire Max              | 10 AWG  |

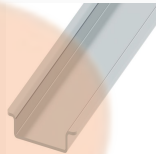
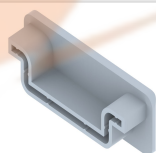
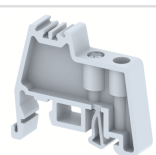
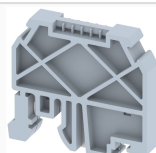
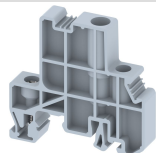
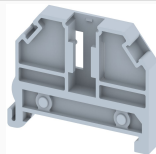
## Product Accessories

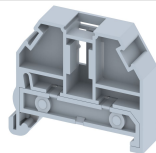
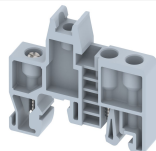
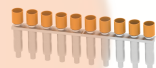
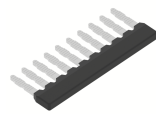
### Cover Profile

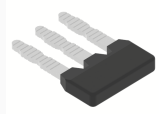
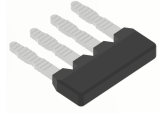
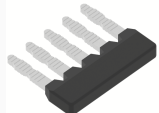
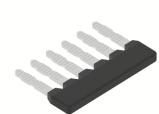
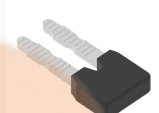
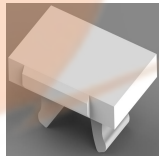
|      |                                                              |                                                                                       |
|------|--------------------------------------------------------------|---------------------------------------------------------------------------------------|
| PCK3 | Height : 28.00 mm<br>Width : 58.35 mm<br>Thickness : 1.00 mm |  |
|------|--------------------------------------------------------------|---------------------------------------------------------------------------------------|

### Cover Profile Carrier

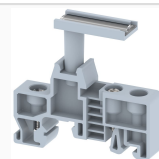
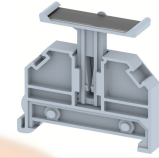
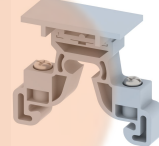
|      |                                                               |                                                                                       |
|------|---------------------------------------------------------------|---------------------------------------------------------------------------------------|
| UHDD | Height : 74.50 mm<br>Thickness : 2.00 mm<br>Length : 55.82 mm |  |
|------|---------------------------------------------------------------|---------------------------------------------------------------------------------------|

| DIN Rail Perforated    |                                                              |                                                                                       |
|------------------------|--------------------------------------------------------------|---------------------------------------------------------------------------------------|
| CHKDS                  | Height : 15.00 mm<br>Width : 35.00 mm<br>Thickness : 1.50 mm |    |
| CHKS                   | Height : 7.50 mm<br>Width : 35.00 mm<br>Thickness : 1.00 mm  |    |
| CHS                    | Height : 15.00 mm<br>Width : 32.00 mm<br>Thickness : 1.50 mm |    |
| DIN Rail, Unperforated |                                                              |                                                                                       |
| CHKD                   | Height : 15.00 mm<br>Width : 35.00 mm<br>Thickness : 1.50 mm |    |
| CHK                    | Height : 7.50 mm<br>Width : 35.00 mm<br>Thickness : 1.00 mm  |   |
| End Cap                |                                                              |                                                                                       |
| CHKENDCAP              | Height : 14.00 mm<br>Width : 9.00 mm<br>Length : 41.50 mm    |  |
| End Clamp              |                                                              |                                                                                       |
| SCUP                   | Height : 34.00 mm<br>Length : 44.75 mm                       |  |
| SCUSL                  | Height : 41.10 mm<br>Width : 8.00 mm<br>Length : 47.50 mm    |  |
| SCUDD                  | Height : 50.00 mm<br>Width : 10.00 mm<br>Length : 55.60 mm   |  |
| DCKN                   | Height : 33.00 mm<br>Width : 6.00 mm<br>Length : 43.50 mm    |  |

| End Clamp        |                                                            |                                                                                       |
|------------------|------------------------------------------------------------|---------------------------------------------------------------------------------------|
| DCKN10           | Height : 35.00 mm<br>Width : 10.00 mm<br>Length : 43.50 mm |    |
| SCKN             | Height : 34.50 mm<br>Width : 8.00 mm<br>Length : 44.90 mm  |    |
| SCUN             | Height : 35.50 mm<br>Width : 9.50 mm<br>Length : 50.60 mm  |    |
| End Cover        |                                                            |                                                                                       |
| KPXN             | Height : 41.50 mm<br>Width : 1.50 mm<br>Length : 41.50 mm  |    |
| Fixed Bridge     |                                                            |                                                                                       |
| CCLA4N-10W       | Height : 17.00 mm<br>Pitch : 6.00 mm<br>Length : 58.60 mm  |  |
| CCLA4N-3W        | Height : 17.00 mm<br>Pitch : 6.00 mm<br>Length : 16.60 mm  |  |
| CCLA4N-4W        | Height : 17.00 mm<br>Pitch : 6.00 mm<br>Length : 22.80 mm  |  |
| CCLA4N-5W        | Height : 17.00 mm<br>Pitch : 6.00 mm<br>Length : 28.60 mm  |  |
| CCLA4N-2W        | Height : 17.00 mm<br>Pitch : 6.00 mm<br>Length : 10.60 mm  |  |
| Insertion Bridge |                                                            |                                                                                       |
| SLC4N-10W        | Width : 58.60 mm<br>Pitch : 6.00 mm<br>Length : 23.00 mm   |  |

| Insertion Bridge           |                                                             |  |                                                                                       |  |
|----------------------------|-------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|
| SLC4N-3W                   | Width : 16.65 mm<br>Pitch : 6.00 mm<br>Length : 23.00 mm    |  |    |  |
| SLC4N-4W                   | Width : 22.65 mm<br>Pitch : 6.00 mm<br>Length : 23.00 mm    |  |    |  |
| SLC4N-5W                   | Width : 28.65 mm<br>Pitch : 6.00 mm<br>Length : 23.00 mm    |  |    |  |
| SLC4N-6W                   | Width : 34.60 mm<br>Pitch : 6.00 mm<br>Length : 23.00 mm    |  |    |  |
| SLC4N-2W                   | Width : 10.91 mm<br>Pitch : 6.00 mm<br>Length : 23.00 mm    |  |   |  |
| Marker For Terminal Blocks |                                                             |  |                                                                                       |  |
| LABEL KN5.5                | Width : 6.00 mm                                             |  |  |  |
| Partition Plate            |                                                             |  |                                                                                       |  |
| KNBF 2.5/10                | Height : 58.00 mm<br>Width : 1.50 mm<br>Length : 55.50 mm   |  |  |  |
| Spacer Plate               |                                                             |  |                                                                                       |  |
| SBN1                       | Height : 12.10 mm<br>Width : 1.37 mm<br>Length : 13.20 mm   |  |  |  |
| Switching Jumper           |                                                             |  |                                                                                       |  |
| LSR6N                      | Height : 22.20 mm<br>Width : 5.00 mm                        |  |  |  |
| RSLDD                      | Thickness : 1.20 mm<br>Pitch : 6.00 mm<br>Length : 11.00 mm |  |  |  |

| Warning Label |                                                               |                                                                                     |
|---------------|---------------------------------------------------------------|-------------------------------------------------------------------------------------|
| WL4           | Height : 25.20 mm<br>Thickness : 1.10 mm<br>Length : 28.80 mm |  |

| Marker carriers |                                                            |                                                                                      |
|-----------------|------------------------------------------------------------|--------------------------------------------------------------------------------------|
| SCUDDMLH        | Height : 71.50 mm<br>Width : 10.00 mm<br>Length : 55.60 mm |   |
| SCUNMLH         | Height : 53.50 mm<br>Width : 9.50 mm<br>Length : 50.60 mm  |   |
| DCKNMLH         | Height : 45.50 mm<br>Width : 6.00 mm<br>Length : 43.50 mm  |   |
| SCKNMLH         | Height : 45.50 mm<br>Width : 8.00 mm<br>Length : 44.90 mm  |  |