





## 4 sq.mm Knife Type Disconnect & Test Terminal Blocks with Socket screws

These blocks are used measuring control and regulatory circuits. they provide a clear functional advantage for devices having utility instruments and associated transformers.in ckt4u disconnection is achieved by lifting a lever which operates the knife contact. Specially designed socket headed screws act as test monitoring points in disconnecting & amp; test Terminal blocks.

| TECHNICAL DATA         |                                  |  |
|------------------------|----------------------------------|--|
| Rated Voltage          | 800 V                            |  |
| Rated Current          | 28 A                             |  |
| Tightening Torque      | 0.5 Nm                           |  |
| Housing Material       | Polymide                         |  |
| Product Function       | Sliding Type Disconnect and Test |  |
| Wire Entry Orientation | Side Entry                       |  |
| Mounting Possibility   | DIN 32/DIN 35/DIN 35-15 Rail     |  |
| Screw Size             | M3                               |  |
| Operated by            | Screwdriver                      |  |
| Rated Surge Voltage    | 8 KV                             |  |
| Pollution Degree       | 3                                |  |
|                        |                                  |  |

CONNECTION DATA

0.2 mm<sup>2</sup>

4 mm<sup>2</sup>

22 AWG

10 AWG

0.2 mm<sup>2</sup>

4 mm<sup>2</sup>

0.2 mm<sup>2</sup>

2.5 mm<sup>2</sup>

0.2 mm<sup>2</sup>

6 mm<sup>2</sup>

0.2 mm<sup>2</sup>

2.5 mm<sup>2</sup>

9 mm

A4

Conductor Cross Section Stranded min

Conductor Cross Section Stranded max.

Conductor Cross Section AWG/Kcmil min

Conductor Cross Section AWG/Kcmil max

Conductor Cross Section Stranded with Ferrule/Lug min

Conductor Cross Section Stranded with Ferrule/Lug max

2 Conductors with same Cross Section Stranded min

2 Conductor with same Cross Section Stranded max

Conductor Cross Section Solid min

Conductor Cross Section Solid max

2 Conductors with same Cross Section Stranded with TWIN Ferrule/Lug min

2 Conductor with same Cross Section Stranded with TWIN Ferrule/Lug max

Stripping Length

Internal Cylindrical Guage

| CAT. NO.   | DESCRIPTION | STD. PACK |  |
|--|-------------|-----------|--|
| CKT4U 4 sq.mm Knife Type Disconnect & Test<br>Terminal Blocks with Socket screws in Grey<br>colour   |             | 50        |  |
| CKT4UBU 4 sq.mm Knife Type Disconnect & Test<br>Terminal Blocks with Socket screws in Blue<br>colour |             | 50        |  |

ORDERING INFORMATION

| ACCESSORIES                 |            |                               |    |  |  |
|-----------------------------|------------|-------------------------------|----|--|--|
| IMAGES CAT. NO. DESCRIPTION |            |                               |    |  |  |
| P.II                        | CA501-1M   | Din 32 Rail unslotted 1 meter | 50 |  |  |
|                             | CA501-1M-S | Din 32 Rail slotted 1 meter   | 50 |  |  |
|                             | CA501-2M   | Din 32 Rail unslotted 2 meter | 50 |  |  |
|                             | CA501-2M-S | Din 32 Rail slotted 2 meter   | 50 |  |  |

|       | CA701-1M   | Din 35 Rail unslotted 1 meter | 50 |
|-------|------------|-------------------------------|----|
| // // | CA701-2M   | Din 35 Rail unslotted 2 meter | 50 |
|       | CA701-2M-S | Din 35 Rail slotted 2 meter   | 50 |
|       | CA701-1M-S | Din 35 Rail slotted 1 meter   | 50 |
|       |            |                               |    |

| [[1]] | CA701-15-1M   | Din 35 Rail 15 deep unslotted 1<br>meter | 50 |
|-------|---------------|--|----|
|       | CA701-15-1M-S | Din 35 Rail 15 deep slotted 1 meter      | 50 |
|       | CA701-15-2M   | Din 35 Rail 15 deep unslotted 2<br>meter | 50 |
|       | CA701-15-2M-S | Din 35 Rail 15 deep slotted 2 meter      | 50 |

|     |       | End Clamp in Polyamide 66 suitable<br>for Din 32 / Din 35 / Din 35-15 Rails | 50 |
|-----|-------|---|----|
|     |       |   |    |
| ST. | CA802 | End Clamp in Polyamide suitable<br>for Din 35 / Din 35-15 Rails             | 50 |

| • • • | EPCKT4U | End Plate in Grey colour | 50 |
|-------|---------|--------------------------|----|

|                   | CA714/2  | External Comb Type Shorting Link<br>Available in 2 pole  | 100 |
|-------------------|----------|--|-----|
| The second second | CA714/3  | External Comb Type Shorting Link<br>Available in 3 pole  |     |
| TTTTT             | CA714/4  | External Comb Type Shorting Link<br>Available in 4 pole  | 100 |
|                   | CA714/10 | External Comb Type Shorting Link<br>Available in 10 pole | 20  |
|                   |          |  |     |
| علالتشقي          | CA509/K6 | Blank Marking Tag  | 100 |

| 1 | DIMENSIONS                       |         |  |  |
|---|----------------------------------|---------|--|--|
| _ | Height with DIN 32 rail          | 54.5 mm |  |  |
|   | Height with DIN 35 x 15 mm rail  | 56 mm   |  |  |
|   | Height with DIN 35 x 7.5 mm rail | 48.3 mm |  |  |
|   | Length                           | 46.3 mm |  |  |
|   | Width (Thickness)                | 6 mm    |  |  |
|   |                                  |         |  |  |



CKT4U

| connectwell          |  |
|----------------------|--|
| THE RIGHT CONNECTION |  |

| ACCESSORIES                 |     |   |    |  |  |
|-----------------------------|-----|---|----|--|--|
| IMAGES CAT. NO. DESCRIPTION |     |   |    |  |  |
| SCS0.6/3.5                  |     | Electricians Screwdriver for slotted screws | 10 |  |  |
|                             |     |   |    |  |  |
|                             | MC6 | MARKER CARD 6MM PITCH WITH<br>72 TAGS       | 10 |  |  |
|                             |     |   |    |  |  |



## NOTES

The Rated current is with the use of copper (Cu) conductor/Wire

| RATINGS AS PER STANDARDS              |                     |                   |                     |  |
|---------------------------------------|---------------------|-------------------|---------------------|--|
| STANDARDS                             | UL 1059             | CSA C.22.2 No:158 | DIN EN60947-7-1     |  |
| Approvals                             | UL                  | CSA               | VDE                 |  |
| Conductor Cross Section Stranded min. | 22 AWG              | 22 AWG            | 0.5 mm <sup>2</sup> |  |
| Conductor Cross Section Stranded max. | 10 AWG              | 10 AWG            | 4 mm <sup>2</sup>   |  |
| Rated Voltage                         | 600 V               | 600 V             | 800 V               |  |
| Rated Current                         | 35 A                | 16 A              | 17.5 A              |  |
| Tightening Torque                     | 7 lb-in             | 7 lb-in           | 0.5 Nm              |  |
| STANDARDS                             | IEC/EN60947-7-1     |                   |                     |  |
| Approvals                             | CE                  |                   |                     |  |
| Conductor Cross Section Stranded min. | 0.2 mm <sup>2</sup> |                   |                     |  |
| Conductor Cross Section Stranded max. | 4 mm <sup>2</sup>   |                   |                     |  |
| Rated Voltage                         | 800 V               |                   |                     |  |
| Rated Current                         | 28 A                |                   |                     |  |
| Tightening Torque                     | 0.5 Nm              |                   |                     |  |