



Product information

**DK-Cable junction boxes
with terminal blocks**

0.5 up to 4 mm², IP 65

Hensel Electric India Pvt.Ltd

11 & 12, Gandhi Street
Nehru Nagar, Perungudi
Chennai 600 096. INDIA

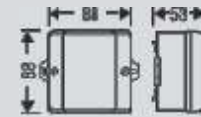
Phone: 00 91 44 2448 1654 / 1669 / 3006 / 3007
Fax: 00 91 44 24481285
E mail: henselectric@vsnl.com
Website: www.hensel-electric.de

- ! made of high quality thermoplastics grey RAL 7035
- ! terminal blocks brand elmex / connectwell
- ! for aluminum-(Alu) and copper conductors(Cu)
- ! terminal blocks serially numbered
- ! degree of protection IP 55 = ESM
- ! degree of protection IP 65 = ASM/AKM/EDK/EDR
- ! cable entry glands to be ordered separately

| type | number of terminals | rated cross section | rated current | Box walls usable for cable entry max. | dimensions |
|------|---------------------|---------------------|---------------|---------------------------------------|------------|
|------|---------------------|---------------------|---------------|---------------------------------------|------------|

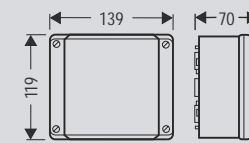
0.5 up to 1.5 mm²
with external fixture

| | | | | |
|------------------|-------------|---------------------|------|------|
| TB 0209 E | 9 terminals | 1.5 mm ² | 18 A | M 20 |
|------------------|-------------|---------------------|------|------|



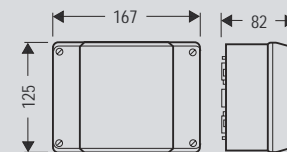
0.5 up to 2.5 mm²

| | | | | |
|------------------|--------------|---------------------|------|------|
| TB 0216 E | 16 terminals | 2.5 mm ² | 24 A | M 32 |
| TB 0216 C | 16 terminals | 2.5 mm ² | 24 A | M 32 |



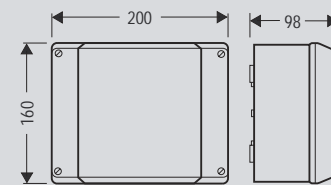
0.5 up to 2.5 mm²

| | | | | |
|------------------|--------------|---------------------|------|------|
| TB 0220 E | 20 terminals | 2.5 mm ² | 24 A | M 32 |
| TB 0220 C | 20 terminals | 2.5 mm ² | 24 A | M 32 |



0.5 up to 2.5 mm²

| | | | | |
|------------------|--------------|---------------------|------|------|
| TB 0225 E | 25 terminals | 2.5 mm ² | 24 A | M 40 |
| TB 0225 C | 25 terminals | 2.5 mm ² | 24 A | M 40 |



TECHNICAL DETAILS OF TERMINALS

| Box Cat No. | Terminal Cat. No. | Manufacturer | Terminal Pitch (mm) | Height x Width (mm) | Rated cross section | Termination Flexible | Termination Rigid | Wire stripping Length |
|-------------|-------------------|--------------|---------------------|---------------------|-----------------------------|----------------------|-------------------|-----------------------|
| TB 0209 E | SUT 1.5 | Elmex | 5 | 24 x 22.5 | 1.5 sq.mm 320V/18A/0.4Nm | 0.5-1.5 sq mm | 0.5-2.5 sq mm | 7mm |
| TB 0216 E | KUT 2.5 | Elmex | 6 | 41 x 42.5 | 2.5 sq mm 800V/24A/0.5Nm | 0.5-2.5 sq mm | 0.5-4 sq mm | 10mm |
| TB 0216 C | CTS 2.5UN | Connectwell | 5 | 45 x 43 | 2.5 sq mm 800V/24A/0.4Nm | 0.5-2.5 sq mm | 0.5-4 sq mm | 9mm |
| TB 0220 E | KUT 2.5 | Elmex | 6 | 41 x 42.5 | 2.5 sq mm 800V/24A/0.5Nm | 0.5-2.5 sq mm | 0.5-4 sq mm | 10mm |
| TB 0220 C | CTS 2.5UN | Connectwell | 5 | 45 x 43 | 2.5 sq mm 800V/24A/0.4Nm | 0.5-2.5 sq mm | 0.5-4 sq mm | 9mm |
| TB 0225 E | KUT 2.5 | Elmex | 6 | 41 x 42.5 | 2.5 sq mm 800V/24A/0.5Nm | 0.5-2.5 sq mm | 0.5-4 sq mm | 10mm |
| TB 0225 C | CTS 2.5UN | Connectwell | 5 | 45 x 43 | 2.5 sq mm 800V/24A/0.4Nm | 0.5-2.5 sq mm | 0.5-4 sq mm | 9mm |

Small batches with larger configuration of terminal sets available on request.



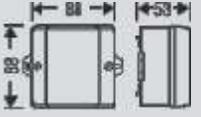
Degree of protection IP 65 by means of threaded cable glands / grommets AKM / EDK / EDR available as accessories.

- ! made of high quality thermoplastics grey RAL 7035
- ! terminal blocks brand elmex / connectwell
- ! for aluminum-(Alu) and copper conductors(Cu)
- ! terminal blocks serially numbered
- ! degree of protection IP 55 = ESM
- ! degree of protection IP 65 = ASM/AKM/EDK/EDR
- ! cable entry glands to be ordered separately

| type | number of terminals | rated cross section | rated current | Box walls usable for cable entry max. | dimensions |
|------|---------------------|---------------------|---------------|---------------------------------------|------------|
|------|---------------------|---------------------|---------------|---------------------------------------|------------|

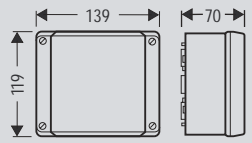
0.5 up to 4 mm²
with external fixture

| | | | | |
|------------------|-------------|-------------------|------|------|
| TB 0409 E | 9 terminals | 4 mm ² | 32 A | M 20 |
| TB 0409 C | 9 terminals | 4 mm ² | 32 A | M 20 |



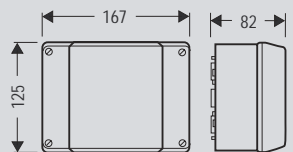
0.5 up to 4 mm²

| | | | | |
|------------------|--------------|-------------------|------|------|
| TB 0416 E | 16 terminals | 4 mm ² | 32 A | M 32 |
| TB 0416 C | 16 terminals | 4 mm ² | 32 A | M 32 |



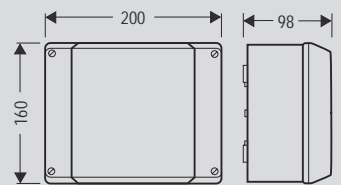
0.5 up to 4 mm²

| | | | | |
|------------------|--------------|-------------------|------|------|
| TB 0420 E | 20 terminals | 4 mm ² | 32 A | M 32 |
| TB 0420 C | 20 terminals | 4 mm ² | 32 A | M 32 |



0.5 up to 4 mm²

| | | | | |
|------------------|--------------|-------------------|------|------|
| TB 0425 E | 25 terminals | 4 mm ² | 32 A | M 40 |
| TB 0425 C | 25 terminals | 4 mm ² | 32 A | M 40 |



TECHNICAL DETAILS OF TERMINALS

| Box Cat No. | Terminal Cat. No. | Manufacturer | Terminal Pitch (mm) | Height x Width (mm) | Rated cross section | Termination Flexible | Termination Rigid | Wire stripping Length |
|-------------|-------------------|--------------|---------------------|---------------------|---------------------------|----------------------|-------------------|-----------------------|
| TB 0409 E | CET 4N | Elmex | 6.5 | 29 x 26 | 4 sq mm 500V/32A/0.5Nm | 0.5-2.5 sq mm | 0.5-4 sq mm | 8mm |
| TB 0409 C | CMT 4 | Connectwell | 6 | 29 x 27 | 4 sq mm 400V/32A/0.5Nm | 0.5-4 sq mm | 0.5-6 sq mm | 9mm |
| TB 0416 E | KUT 4 | Elmex | 6.7 | 46.4 x 42.5 | 4 sq mm 800V/32A/0.5Nm | 0.5-4 sq mm | 0.5-6 sq mm | 12mm |
| TB 0416 C | CTS 4UN | Connectwell | 6 | 45 x 43 | 4 sq mm 800V/32A/0.5Nm | 0.5-4 sq mm | 0.5-6 sq mm | 9mm |
| TB 0420 E | KUT 4 | Elmex | 6.7 | 46.4 x 42.5 | 4 sq mm 800V/32A/0.5Nm | 0.5-4 sq mm | 0.5-6 sq mm | 12mm |
| TB 0420 C | CTS 4UN | Connectwell | 6 | 45 x 43 | 4 sq mm 800V/32A/0.5Nm | 0.5-4 sq mm | 0.5-6 sq mm | 9mm |
| TB 0425 E | KUT 4 | Elmex | 6.7 | 46.4 x 42.5 | 4 sq mm 800V/32A/0.5Nm | 0.5-4 sq mm | 0.5-6 sq mm | 12mm |
| TB 0425 C | CTS 4UN | Connectwell | 6 | 45 x 43 | 4 sq mm 800V/32A/0.5Nm | 0.5-4 sq mm | 0.5-6 sq mm | 9mm |

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Degree of protection IP 65 by means of threaded cable glands / grommets AKM / EDK / EDR available as accessories.