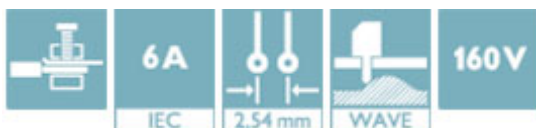



PCB terminal block - MPT 0,5/ 2-2,54 BK - 1800001

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PCB terminal block, Nominal current: 6 A, Nom. voltage: 160 V, Pitch: 2.54 mm, Number of positions: 2, Connection method: Screw connection with tension sleeve, Mounting: Wave soldering, Conductor/PCB connection direction: 0 °, Color: black



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 50 STK |
| GTIN |  4 046356 034760 |

Technical data

Dimensions

| | |
|--------------------------|--------------|
| Length | 6.2 mm |
| Pitch | 2.54 mm |
| Dimension a | 2.54 mm |
| Constructional height | 9 mm |
| Length of the solder pin | 3.5 mm |
| Pin dimensions | 0,5 x 0,9 mm |
| Hole diameter | 1.1 mm |

General

| | |
|----------------------------------|---------------------|
| Range of articles | MPT 0,5 |
| Rated surge voltage (III/3) | 1.5 kV |
| Rated surge voltage (III/2) | 1.5 kV |
| Rated surge voltage (II/2) | 2.5 kV |
| Rated voltage (III/3) | 63 V |
| Rated voltage (III/2) | 160 V |
| Rated voltage (II/2) | 320 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I_N | 6 A |
| Nominal cross section | 0.5 mm ² |
| Solder pin surface | Sn |
| Stripping length | 4.5 mm |
| Number of positions | 2 |
| Screw thread | M1,6 |

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Technical data

General

| | |
|------------------------|---------|
| Tightening torque, min | 0.12 Nm |
| Tightening torque max | 0.15 Nm |

Connection data

| | |
|---|----------------------|
| Conductor cross section AWG min. | 26 |
| Conductor cross section AWG max. | 20 |
| 2 conductors with same cross section, solid min. | 0.14 mm ² |
| 2 conductors with same cross section, solid max. | 0.34 mm ² |
| 2 conductors with same cross section, stranded min. | 0.14 mm ² |
| 2 conductors with same cross section, stranded max. | 0.34 mm ² |

Standards and Regulations

| | |
|----------------------------------|--------|
| Connection in acc. with standard | EN-VDE |
| | CSA |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27141109 |
| eCl@ss 4.1 | 27141109 |
| eCl@ss 5.0 | 27141190 |
| eCl@ss 5.1 | 27141190 |
| eCl@ss 6.0 | 27261101 |
| eCl@ss 7.0 | 27440401 |
| eCl@ss 8.0 | 27440401 |
| eCl@ss 9.0 | 27440401 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002643 |
| ETIM 5.0 | EC002643 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211801 |
| UNSPSC 7.0901 | 39121432 |
| UNSPSC 11 | 39121432 |
| UNSPSC 12.01 | 39121432 |
| UNSPSC 13.2 | 39121432 |

Approvals

Approvals

PCB terminal block - MPT 0,5/ 2-2,54 BK - 1800001

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

| | |
|--------------------------------|-------|
| CSA | |
| | B |
| mm ² /AWG/kcmil | 28-20 |
| Nominal current I _N | 6 A |
| Nominal voltage U _N | 125 V |

| | |
|--------------------------------|-------|
| UL Recognized | |
| | B |
| mm ² /AWG/kcmil | 30-20 |
| Nominal current I _N | 6 A |
| Nominal voltage U _N | 125 V |

| | |
|--------------------------------|-------|
| cUL Recognized | |
| | B |
| mm ² /AWG/kcmil | 30-20 |
| Nominal current I _N | 6 A |
| Nominal voltage U _N | 125 V |

| |
|-----|
| EAC |
|-----|

| |
|------------------|
| cULus Recognized |
|------------------|

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