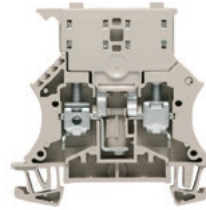


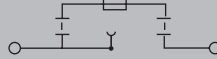
## WSI 6

6 mm<sup>2</sup>

Metric fuses



7.9 x 60 x 61  
6.3 / 10  
0.5...10



## WSI 6

Overload and short-circuit protection

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Height/Depth                      | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

### Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage to adjoining terminal                  | V               |
| Rated current                                        | A               |
| for wire cross-section                               | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| UL 94 flammability rating                            |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / Stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque / Clamping screw                   | Nm              |
| Blade size                                           |                 |

### Note

### Ordering data

| Version                   |  |
|---------------------------|--|
| 500 V AC/DC, without LED  |  |
| 10-36 V AC/DC, with LED   |  |
| 30-70 V AC/DC, with LED   |  |
| 60-150 V AC/DC, with LED  |  |
| 140-250 V AC/DC, with LED |  |
| Note                      |  |

### Accessories

| Screwable cross-connection                |  |
|-------------------------------------------|--|
| 2-pole                                    |  |
| 10-pole                                   |  |
| Lock washer                               |  |
| Mounting screw                            |  |
| End plate / Partition plate               |  |
| dark beige                                |  |
| dark beige                                |  |
| Screwdriver                               |  |
| Standard                                  |  |
| End bracket                               |  |
| dark beige                                |  |
| G-fuse cartridge, 5 x 20 mm (IEC 60127-2) |  |
| 0.25 A fast                               |  |
| 0.50 A fast                               |  |
| 1.00 A fast                               |  |
| 2.00 A fast                               |  |
| Marking tags                              |  |

IEC 60947-7-3, IEC 60947-7-1

| IEC      | UL         | CSA        | EN 60079-7 |
|----------|------------|------------|------------|
| 500      | 600 (C)    | 600 (C)    |            |
| 6.3      | 9.5        | 10         |            |
| 6        | AWG 22...8 | AWG 20...8 |            |
| 6 kV / 3 |            |            |            |
| V-0      |            |            |            |

CE ENEC VDE KEMA NRTL

| Rated connection    |  |
|---------------------|--|
| 0.5...10 / 1.5...10 |  |
| 0.5...10 / 0.5...6  |  |
| 0.8...1.6 / (M 3.5) |  |
| 0.8 x 4.0 mm        |  |

| Type  | Qty. | Order No.  |
|-------|------|------------|
| WSI 6 | 50   | 1011000000 |
|       |      |            |
|       |      |            |
|       |      |            |
|       |      |            |
| Note  |      |            |

| Type                 | Qty.      | Order No.  |
|----------------------|-----------|------------|
| QL 2 SAK6N           | 41 A 50   | 0194300000 |
| QL 10 SAK6N          | 41 A 20   | 0338300000 |
| SS M3 D 128-A 3      | 50        | 0164400000 |
| KISC M3X5            | 100       | 1052100000 |
| WAP 2.5-10           | 50        | 1050000000 |
| WAP 16+35 WTW 2.5-10 | 20        | 1050100000 |
| SDS 0.8X4.0X100      | 1         | 2749360000 |
| WEW 35/2             | 50        | 1061200000 |
| G 20/0.25A/F         | 0.25 A 10 | 0430500000 |
| G 20/0.50A/F         | 0.5 A 10  | 0430600000 |
| G 20/1.00A/F         | 1 A 10    | 0430700000 |
| G 20/2.00A/F         | 2 A 10    | 0430900000 |
| DEK 5/8 MC NE WS     | 800       | 1856740000 |
| WS 12/6.5 MC NE WS   | 540       | 1609920000 |
| DEK 5/8 MM WS        | 500       | 2007130000 |
| WS 8/8 MM WS         | 500       | 2007170000 |

| Type  | Order No.  |
|-------|------------|
| WSI 6 | 1011000000 |
|       |            |
|       |            |

| Arrangement    | Applications                  |                |                                       |                |
|----------------|-------------------------------|----------------|---------------------------------------|----------------|
|                | Only short-circuit protection |                | Overload and short-circuit protection |                |
|                | T <sub>A</sub> max.           | Nominal values | T <sub>A</sub> max.                   | Nominal values |
| Individual     | 42 °C                         | 4.0 W / 6.3 A  | 31 °C                                 | 1.6 W / 3.0 A  |
| In combination | 36 °C                         | 2.5 W / 6.3 A  | 27 °C                                 | 1.6 W / 3.0 A  |

For detailed information on other accessories and application in the online catalogue





Screw connection with clamping yoke technology (W-Series)  
Fuse terminal blocks

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Height/Depth                      | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage to adjoining terminal                  | V               |
| Rated current                                        | A               |
| for wire cross-section                               | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| UL 94 flammability rating                            |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / Stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque / Clamping screw                   | Nm              |
| Blade size                                           |                 |
| Note                                                 |                 |

Ordering data

| Version | 500 V AC/DC, without LED<br>10-36 V AC/DC, with LED<br>30-70 V AC/DC, with LED<br>60-150 V AC/DC, with LED<br>140-250 V AC/DC, with LED |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Note    |                                                                                                                                         |

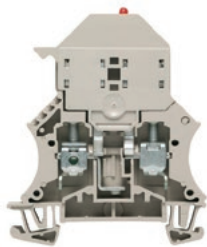
Accessories

| Screwable cross-connection                |                                                          |
|-------------------------------------------|----------------------------------------------------------|
|                                           | 2-pole<br>10-pole<br>Lock washer<br>Mounting screw       |
| End plate / Partition plate               |                                                          |
|                                           | dark beige<br>dark beige                                 |
| Screwdriver                               |                                                          |
|                                           | Standard                                                 |
| End bracket                               |                                                          |
|                                           | dark beige                                               |
| G-fuse cartridge, 5 x 20 mm (IEC 60127-2) |                                                          |
|                                           | 0.25 A fast<br>0.50 A fast<br>1.00 A fast<br>2.00 A fast |
| Marking tags                              |                                                          |

For detailed information on other accessories and application in the online catalogue

WSI 6 LED 6 mm<sup>2</sup>

Metric fuses / bipolar LED



|                 |  |
|-----------------|--|
| 7.9 x 60 x 71.5 |  |
| 6.3 / 10        |  |
| 0.5...10        |  |

| IEC 60947-7-3        |            |            |            |
|----------------------|------------|------------|------------|
| IEC                  | UL         | CSA        | EN 60079-7 |
| 500                  |            |            |            |
| 6.3                  |            |            |            |
| 6                    | AWG 22...8 | AWG 20...8 |            |
| 6 kV / 3 V-0         |            |            |            |
| CE CB CB CB CB CB CB |            |            |            |
| Rated connection     |            |            |            |
| 0.5...10 / 1.5...10  |            |            |            |
| 0.5...10 / 0.5...6   |            |            |            |
| 0.8...1.6 / (M 3.5)  |            |            |            |
| 0.8 x 4.0 mm         |            |            |            |
| Note                 |            |            |            |

| Type                   | Qty. | Order No.  |
|------------------------|------|------------|
| WSI 6/LD 10-36V DC/AC  | 10   | 1011300000 |
| WSI 6/LD 30-70V DC/AC  | 10   | 1012200000 |
| WSI 6/LD 60-150V DC/AC | 10   | 1012300000 |
| WSI 6/LD 250AC         | 10   | 1012400000 |
| Note                   |      |            |

| Type                 | Qty.      | Order No.  |
|----------------------|-----------|------------|
| QL 2 SAK6N           | 41 A 50   | 0194300000 |
| QL 10 SAK6N          | 41 A 20   | 0338300000 |
| SS M3 D 128-A 3      | 50        | 0164400000 |
| KISC M3X5            | 100       | 1052100000 |
| WAP 2.5-10           |           |            |
| WAP 16+35 WTW 2.5-10 | 50        | 1050000000 |
| WAP 16+35 WTW 2.5-10 |           |            |
| WAP 16+35 WTW 2.5-10 | 20        | 1050100000 |
| SDS 0.8X4.0X100      |           |            |
| SDS 0.8X4.0X100      | 1         | 2749360000 |
| WEW 35/2             |           |            |
| WEW 35/2             | 50        | 1061200000 |
| G 20/0.25A/F         |           |            |
| G 20/0.25A/F         | 0.25 A 10 | 0430500000 |
| G 20/0.50A/F         |           |            |
| G 20/0.50A/F         | 0.5 A 10  | 0430600000 |
| G 20/1.00A/F         |           |            |
| G 20/1.00A/F         | 1 A 10    | 0430700000 |
| G 20/2.00A/F         |           |            |
| G 20/2.00A/F         | 2 A 10    | 0430900000 |
| DEK 5/8 MC NE WS     |           |            |
| DEK 5/8 MC NE WS     | 800       | 1856740000 |
| WS 12/6.5 MC NE WS   |           |            |
| WS 12/6.5 MC NE WS   | 540       | 1609920000 |
| DEK 5/8 MM WS        |           |            |
| DEK 5/8 MM WS        | 500       | 2007130000 |
| WS 8/8 MM WS         |           |            |
| WS 8/8 MM WS         | 500       | 2007170000 |

WSI 6 LED

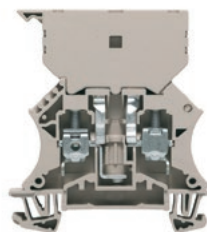
Overload and short-circuit protection

| Type                  | Order No.  |
|-----------------------|------------|
| WSI 6/LD 10-36V DC/AC | 1011300000 |
| Note                  |            |

| Arrangement    | Applications                  |                |                                       |                |
|----------------|-------------------------------|----------------|---------------------------------------|----------------|
|                | Only short-circuit protection |                | Overload and short-circuit protection |                |
|                | T <sub>A</sub> max.           | Nominal values | T <sub>A</sub> max.                   | Nominal values |
| Individual     | 42 °C                         | 4.0 W / 6.3 A  | 31 °C                                 | 1.6 W / 3.0 A  |
| In combination | 36 °C                         | 225 W / 6.3 A  | 27 °C                                 | 1.6 W / 3.0 A  |
| Note           |                               |                |                                       |                |

## WSI 6/2

### Overload and short-circuit protection



## IEC 60947-7-3, IEC 60947-7-1

| IEC | UL         | CSA        | EN 60079-7 |
|-----|------------|------------|------------|
| 500 | 600 (C)    | 150 (C)    |            |
| 6.3 | 16         | 16         |            |
| 6   | AWG 22...8 | AWG 20...6 |            |
|     | 6 kV / 3   |            |            |
|     | V-0        |            |            |

|                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |
| <b>Rated connection</b>                                                                                                                                                                                                                                                                                                                 |
| 0.5...10 / 1.5...10                                                                                                                                                                                                                                                                                                                     |
| 0.5...10 / 0.5...6                                                                                                                                                                                                                                                                                                                      |
| 0.8...1.6 / (M 3.5)                                                                                                                                                                                                                                                                                                                     |
| 0.8 x 4.0 mm                                                                                                                                                                                                                                                                                                                            |

| Arrangement    | Applications                  |                |                                       |                |
|----------------|-------------------------------|----------------|---------------------------------------|----------------|
|                | Only short-circuit protection |                | Overload and short-circuit protection |                |
|                | T <sub>A</sub> max.           | Nominal values | T <sub>A</sub> max.                   | Nominal values |
| Individual     | 52 °C                         | 4.0 W / 10.0 A | 42 °C                                 | 2.5 W / 2.5 A  |
| In combination | 62 °C                         | 2.5 W / 2.5 A  | 30 °C                                 | 2.5 W / 2.5 A  |

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| WSI 6/2 GZ/DEF63 | 25   | 1014000000 |
|                  |      |            |
|                  |      |            |
|                  |      |            |

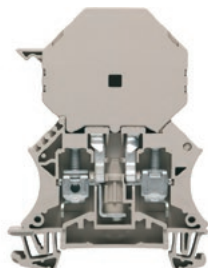
|                    |     |            |
|--------------------|-----|------------|
| DEK 5/8 MC NE WS   | 800 | 1856740000 |
| WS 12/6.5 MC NE WS | 540 | 1609920000 |

Weidmüller  A.291

## Fuse terminal blocks

6 mm<sup>2</sup>

### Imperial fuses / bipolar LED



|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Height/Depth                      | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

11.9 x 60 x 78.5

6.3 / 10

**0.5...10**



## Technical data

| Rated data                                           |                      |
|------------------------------------------------------|----------------------|
| Rated voltage to adjoining terminal                  | V                    |
| Rated current<br>for wire cross-section              | A<br>mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                      |
| UL 94 flammability rating                            |                      |
| Approvals                                            |                      |
| Clamped conductors (H05V/H07V)                       |                      |
| Solid / Stranded                                     | mm <sup>2</sup>      |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup>      |
| Tightening torque / Clamping screw                   | Nm                   |
| Blade size                                           |                      |

### Note

## Ordering data

|                |                                                                                                                                         |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Version</b> | 500 V AC/DC, without LED<br>10-36 V AC/DC, with LED<br>30-70 V AC/DC, with LED<br>60-150 V AC/DC, with LED<br>140-250 V AC/DC, with LED |
| <b>Note</b>    |                                                                                                                                         |

## Accessories

|                                    |                                                    |
|------------------------------------|----------------------------------------------------|
| <b>Screwable cross-connection</b>  | 2-pole<br>10-pole<br>Lock washer<br>Mounting screw |
| <b>End plate / Partition plate</b> | dark beige                                         |
| <b>Marking tags</b>                | dark beige                                         |

| IEC 60947-7-3 |            |            |            |
|---------------|------------|------------|------------|
| IEC           | UL         | CSA        | EN 60079-7 |
| 500           |            |            |            |
| 6.3           |            |            |            |
| 6             | AWG 22...8 | AWG 20...6 |            |
|               | 6 kV / 3   |            |            |
|               | V-0        |            |            |

|                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |
| <b>Rated connection</b>                                                                                                                                                                                                                                                                                                                 |
| 0.5...10 / 1.5...10                                                                                                                                                                                                                                                                                                                     |
| 0.5...10 / 0.5...6                                                                                                                                                                                                                                                                                                                      |
| 0.8...1.6 / (M 3.5)                                                                                                                                                                                                                                                                                                                     |
| 0.8 x 4.0 mm                                                                                                                                                                                                                                                                                                                            |

| Type                    | Qty. | Order No.  |
|-------------------------|------|------------|
| WSI 6/2/LD 10-36V DC/AC | 25   | 1014100000 |
| WSI 6/2/LD 30-70V DC/AC | 25   | 1014200000 |
| WSI 6/2/LD 60-150VDC/AC | 25   | 1014300000 |
| WSI 6/2/LD 250AC        | 25   | 1014400000 |

| Type                 | Qty.    | Order No.  |
|----------------------|---------|------------|
| QL 2 SAK16           | 76 A 50 | 0470700000 |
| QL 10 SAK16          | 76 A 20 | 0471000000 |
| SS M3 D 128-A 3      | 50      | 0164400000 |
| KISC M3X5            | 100     | 1052100000 |
|                      |         |            |
| WAP 2.5-10           | 50      | 1050000000 |
| WAP 16+35 WTW 2.5-10 | 20      | 1050100000 |
|                      |         |            |
| DEK 5/8 MC NE WS     | 800     | 1856740000 |
| WS 12/6.5 MC NE WS   | 540     | 1609920000 |

## WSI 6/2 LED

### Overload and short-circuit protection

| Type                    | Order No.  |
|-------------------------|------------|
| WSI 6/2/LD 10-36V DC/AC | 1014100000 |

| Arrangement    | Applications                  |                |                                       |                |
|----------------|-------------------------------|----------------|---------------------------------------|----------------|
|                | Only short-circuit protection |                | Overload and short-circuit protection |                |
|                | T <sub>A</sub> max.           | Nominal values | T <sub>A</sub> max.                   | Nominal values |
| Individual     | 52 °C                         | 4.0 W / 10.0 A | 42 °C                                 | 2.5 W / 2.5 A  |
| In combination | 62 °C                         | 2.5 W / 2.5 A  | 30 °C                                 | 2.5 W / 2.5 A  |

**For detailed information on other accessories and application in the online catalogue**