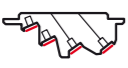


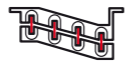
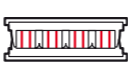

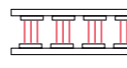










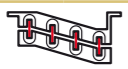



Kupferschienen Flach und C-Profil

Auswahltabelle

| | | | ≤ 400A | | ≤ 800A | | ≤ 1000A | | ≤ 1600A | | | | ≤ 4000A | | | | ≤ 6300A | | | | | | | |
|---------|-----------------------|----------------------------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---|
| | | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | | | |
| | | | Art. 0373 10 | | Art. 0373 15 | | Art. 0373 20 – 0373 90 | | Art. 0373 21 – 0373 91 | | Art. 0373 22/23 – 0373 92 | | | | Art. 0373 24/25 – 0373 93 | | | | Art. 0373 12/13 | | | | | |
| | | | Hochkant | | Hochkant | | Hochkant | | Hochkant | | Hochkant | | Flachkant | | Hochkant | | Flachkant | | Hochkant | | Flachkant | | | |
| | | |  | |  | |  | |  | |  | |  | |  | | | | | | | | | |
| Art. | Fläche Kupferschienen | Anzahl Schienen pro Leiter | I (A) | | I (A) | | I (A) | | I (A) | | I (A) | | I (A) | | I (A) | | I (A) | | I (A) | | I (A) | | | |
| | Querschnitt (mm) | | IP ≤ 30 | IP > 30 | IP ≤ 30 | IP > 30 | IP ≤ 30 | IP > 30 | IP ≤ 30 | IP > 30 | IP ≤ 30 | IP > 30 | IP ≤ 30 | IP > 30 | IP ≤ 30 | IP > 30 | IP ≤ 30 | IP > 30 | IP ≤ 30 | IP > 30 | IP ≤ 30 | IP > 30 | | |
| 0374 34 | 18 × 4 | 1 | 245 | 200 | 245 | 200 | 245 | 200 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| 0374 38 | 25 × 4 | 1 | 280 | 250 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| 0374 18 | 25 × 5 | 1 | 330 | 270 | 330 | 270 | 330 | 270 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| 0374 19 | 32 × 5 | 1 | 450 | 400 | 450 | 400 | 450 | 400 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| 0374 40 | 50 × 5 | 1 | - | - | - | - | 700 | 630 | 700 | 630 | 700 | 630 | 430 | 350 | 700 | 630 | 500 | 420 | - | - | - | - | - | |
| | | 2 | - | - | - | - | - | - | - | - | 1150 | 1000 | 650 | 510 | 1180 | 1020 | 750 | 630 | - | - | - | - | - | |
| | | 3 | - | - | - | - | - | - | - | - | - | - | - | - | 1600 | 1380 | 1000 | 900 | - | - | - | - | - | - |
| | | 4 | - | - | - | - | - | - | - | - | - | - | - | - | 2020 | 1720 | 1120 | 1000 | - | - | - | - | - | - |
| 0374 41 | 63 × 5 | 1 | - | - | - | - | 800 | 700 | 800 | 700 | 800 | 700 | 500 | 400 | 800 | 700 | 600 | 500 | - | - | - | - | - | |
| | | 2 | - | - | - | - | - | - | - | - | 1350 | 1150 | 770 | 590 | 1380 | 1180 | 750 | 630 | - | - | - | - | - | |
| | | 3 | - | - | - | - | - | - | - | - | - | - | - | - | 1900 | 1600 | 1100 | 1000 | - | - | - | - | - | |
| | | 4 | - | - | - | - | - | - | - | - | - | - | - | - | 2350 | 1950 | 1350 | 1200 | - | - | - | - | - | |
| 0374 59 | 75 × 5 | 1 | - | - | - | - | - | - | 950 | 850 | 950 | 850 | 600 | 475 | 950 | 850 | 700 | 600 | - | - | - | - | - | |
| | | 2 | - | - | - | - | - | - | - | - | 1500 | 1300 | 890 | 700 | 1600 | 1400 | 1000 | 850 | - | - | - | - | - | |
| | | 3 | - | - | - | - | - | - | - | - | - | - | - | - | 2200 | 1900 | 1250 | 1100 | - | - | - | - | - | |
| | | 4 | - | - | - | - | - | - | - | - | - | - | - | - | 2700 | 2300 | 1600 | 1400 | - | - | - | - | - | |
| 0374 43 | 80 × 5 | 1 | - | - | - | - | - | - | 1050 | 900 | 1000 | 900 | 630 | 500 | 1000 | 900 | 750 | 630 | - | - | - | - | - | |
| | | 2 | - | - | - | - | - | - | - | - | 1650 | 1450 | 940 | 740 | 1700 | 1480 | 1050 | 900 | - | - | - | - | - | |
| | | 3 | - | - | - | - | - | - | - | - | - | - | - | - | 2350 | 2000 | 1300 | 1150 | - | - | - | - | - | |
| | | 4 | - | - | - | - | - | - | - | - | - | - | - | - | 2850 | 2400 | 1650 | 1450 | - | - | - | - | - | |
| 0374 46 | 100 × 5 | 1 | - | - | - | - | - | - | - | - | 1250 | 1050 | 750 | 580 | 1250 | 1050 | 850 | 700 | - | - | - | - | - | |
| | | 2 | - | - | - | - | - | - | - | - | 1900 | 1600 | 1120 | 900 | 2050 | 1800 | 1200 | 1050 | - | - | - | - | - | |
| | | 3 | - | - | - | - | - | - | - | - | - | - | - | - | 2900 | 2450 | 1600 | 1400 | - | - | - | - | - | |
| | | 4 | - | - | - | - | - | - | - | - | - | - | - | - | 3500 | 2900 | 1900 | 1650 | - | - | - | - | - | |
| | 125 × 5 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 1450 | 1270 | 1000 | 800 | - | - | - | - | - | |
| | | 2 | - | - | - | - | - | - | - | - | - | - | - | 2500 | 2150 | 1450 | 1250 | - | - | - | - | - | | |
| | | 3 | - | - | - | - | - | - | - | - | - | - | - | 3450 | 2900 | 1800 | 1600 | - | - | - | - | - | | |
| | | 4 | - | - | - | - | - | - | - | - | - | - | - | 4150 | 3450 | 2150 | 1950 | - | - | - | - | - | | |
| | 80 × 10 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1460 | 1270 | 1150 | 950 | - | - | - | - | - | | |
| | | 2 | - | - | - | - | - | - | - | - | - | - | - | 2500 | 2150 | 1700 | 1500 | - | - | - | - | - | | |
| | | 3 | - | - | - | - | - | - | - | - | - | - | - | 3450 | 2900 | 2500 | 2000 | - | - | - | - | - | | |
| | 100 × 10 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1750 | 1500 | 1350 | 1150 | - | - | - | - | - | | |
| | | 2 | - | - | - | - | - | - | - | - | - | - | - | 3050 | 2550 | 2000 | 1650 | - | - | - | - | - | | |
| | | 3 | - | - | - | - | - | - | - | - | - | - | - | 4150 | 3500 | 2900 | 2400 | - | - | - | - | - | | |
| | 120 × 10 | 1 | - | - | - | - | - | - | - | - | - | - | - | 2000 | 1750 | 1650 | 1450 | - | - | - | - | - | | |
| | | 2 | - | - | - | - | - | - | - | - | - | - | - | 3600 | 2950 | 2500 | 2000 | - | - | - | - | - | | |
| | | 3 | - | - | - | - | - | - | - | - | - | - | - | 4800 | 4000 | 3500 | 3000 | - | - | - | - | - | | |
| | 200 × 10 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3300 | 3000 | 2750 | 2400 | | |
| | | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 5200 | 4800 | 3600 | 3250 | | |
| | | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 7000 | 6400 | 5400 | 4800 | | |

| | | | ≤ 1000A | |
|---|-------------------|--|---|---------|
| | | |  | |
| | | | Art. 0373 21 – 0373 91 | |
| | | |  | |
| Art. und Anzahl C-Sammelschienen/Leiter | Querschnitt (mm²) | | I (A) | |
| | | | IP ≤ 30 | IP > 30 |
| 1 × 0374 60 | 155 | | 500 | 400 |
| 1 × 0374 61 | 265 | | 800 | 630 |
| 1 × 0374 62 | 440 | | 1250 | 1000 |



Aluminium Sammelschienensystem
VX³OPTIMIERT
Siehe S. 189, S. 208–S. 214

Kupferschienen

und Zubehör



| VE | Art. | Kupfer Sammelschienen | | | |
|---|----------------|-----------------------|---------------|---------------------|------------|
| Sammelschienen mit Gewindebohrungen | | | | | |
| | | Querschnitt (mm) | Nennstrom (A) | Gewindebohrung Ø mm | Länge (mm) |
| | | IP ≤ 30 | IP > 30 | | |
| 10 | 0373 88 | 12 × 2 | 110 | 80 | 990 |
| 10 | 0373 89 | 12 × 4 | 160 | 125 | 990 |
| 10 | 0374 33 | 15 × 4 | 200 | 160 | 990 |
| 10 | 0374 34 | 18 × 4 | 245 | 200 | 990 |
| 10 | 0374 38 | 25 × 4 | 280 | 250 | 990 |
| 4 | 0374 18 | 25 × 5 | 330 | 270 | 1750 |
| 4 | 0374 19 | 32 × 5 | 450 | 400 | 1750 |
| Sammelschienen mit Durchgangslöchern | | | | | |
| 1 | 0374 40 | 50 × 5 | 700 | 630 | 10,5 – 6,5 |
| 1 | 0374 41 | 63 × 5 | 800 | 700 | 10,5 – 8,5 |
| 1 | 0374 59 | 75 × 5 | 950 | 850 | 10,5 – 6,5 |
| 1 | 0374 43 | 80 × 5 | 1000 | 900 | 10,5 – 6,5 |
| 1 | 0374 46 | 100 × 5 | 1250 | 1050 | 10,5 – 6,5 |
| C-Sammelschienen | | | | | |
| Länge 1780mm, 40 × 20mm | | | | | |
| | | Querschnitt (mm²) | IP ≤ 30 | IP > 30 | |
| 1 | 0374 60 | 155 | 500 | 400 | |
| 1 | 0374 61 | 265 | 800 | 630 | |
| 1 | 0374 62 | 440 | 1250 | 1000 | |
| 1 | 0098 82 | 640 | 1450 | 1250 | |
| Flexible Sammelschienen | | | | | |
| Länge 2000mm | | | | | |
| 1 | 0374 10 | 13 × 3 | 200 | 160 | |
| 1 | 0374 67 | 20 × 5 | 400 | 250 | |
| 1 | 0374 11 | 24 × 4 | 400 | 250 | |
| 1 | 0374 12 | 32 × 5 | 630 | 400 | |
| 1 | 0374 57 | 50 × 5 | 850 | 630 | |
| 1 | 0374 58 | 50 × 10 | 1250 | 1000 | |

| | | Zubehör | |
|------|-----------------|---|--|
| | | Isolierteil | |
| 1/10 | 0373 11 | Isolierteil für Kupfer Sammelschienen 18 × 4, 25 × 4, 25 × 5 und 32 × 5 mm, Länge 1000mm Lieferung inkl. Fixierungsklips | |
| | | Schrauben | |
| 10 | 0374 64' | Schraube M8 für C-Sammelschienen aus Kupfer | |
| 10 | 0374 65' | Schraube M12 für C-Sammelschienen aus Kupfer | |
| 50 | 0367 74 | Isolierte Schraube M6 × 10mm | |
| 50 | 0367 75 | Schraube mit Unterlagscheibe M6 × 10mm | |
| | | Gegenmuttern | |
| | | Für Gehäuse und gelochte Traversen, mit Feder zur Herstellung des Massekontaktes, Lieferung ohne Schrauben | |
| 50 | 0477 12 | Für Schrauben M6 | |
| 50 | 0477 13 | Für Schrauben M8 | |

* Die Verwendung einer grossen Unterlagscheibe und Gegenmutter ist empfohlen

Sammelschienen und Sammelschienenträger

Technische Daten

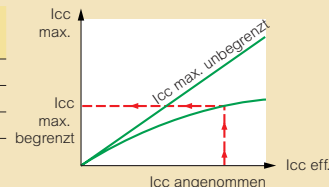
■ Bemessungs-Kurzschlussstrom I_{pk}

Der Abstand zwischen den Sammelschienenträgern richtet sich nach den bei einem Kurzschluss generierten elektro-dynamischen Kräften, wobei letztere direkt proportional zur I_{pk} sind (Höchststromstärke des Kurzschlussstroms). Der Stromstärken-Peakwert kann mit 2 Methoden gemäss der zur Verfügung stehenden Daten ermittelt werden:

Indem die Begrenzungsleistung der Schutzgeräte zu Grunde gelegt wird

Je nach Stärke des anzunehmenden Kurzschlussstroms ergeben die Begrenzungskennlinien der Schutzgeräte (DX³ und DPX³) die Grenzwerte der Höchststromstärke (I_{cc peak}). Die Kennlinie «I_{cc peak} unbegrenzt» entspricht einer Installation ohne Schutzvorrichtung. Nebenstehende Tabelle zeigt den Peak-Grenzwert (I_{pk}) für den höchsten anzunehmenden Kurzschlusswert, der mit der Abschaltleistung (I_{cu}) des Geräts übereinstimmt. Für niedrigere Kurzschlusswerte zeigen die Kennlinien somit optimierte Werte.

| Gerät | Nennstrom (A) | I _{cc max.} (kA) |
|----------------------|---------------|---------------------------|
| DPX ³ 250 | Tous | 27 |
| DPX 630 | Tous | 34 |
| DPX 1600 | Tous | 85 |



Ohne Schutzeinrichtung

Ist der Peakwert sehr viel höher. Diese berechnet man, indem der angenommenen Wirkstromwert mit einem Assymetrie-Koeffizienten (n) aus nebenstehender Tabelle multipliziert

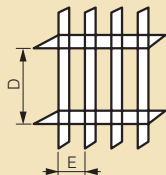
| I _{cc angenommener Wirkwert (kA)} | n |
|--|-----|
| ≤ 5 | 1,5 |
| 5 < I ≤ 10 | 1,7 |
| 10 < I ≤ 20 | 2 |
| 20 < I ≤ 50 | 2,1 |
| 50 < I | 2,2 |

■ Isolationswerte

EN 60947-1/EN 60664-1

| | 0373 98 | 0374 37 | 0373 96 | 0374 32 | 0374 36 | 0373 10/20 0373 90 | 0373 21 0373 91 | 0373 22/23 0373 92 | 0373 24/25 0373 93 | 0373 12/13 |
|-----------------------|---------|---------|---------|---------|---------|-----------------------|--------------------|-----------------------|-----------------------|------------|
| U _i (V) | 500 | 500 | 690 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| U _{imp} (kV) | 8 | 8 | 8 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |




■ Bestimmung der Abstände zwischen den Sammelschienenträger



Maximale Distanzen «D» (mm) E variabel



| Träger | 0373 98 | | | | 0374 37 | | | |
|--|--|-----|-----|-----|--|-----|-----|-----|
| | 0373 88 (12 × 2) oder 0373 89 (12 × 4) | | | | 0374 33 (15 × 4) oder 0374 34 (18 × 4) oder 0374 38 (25 × 4) | | | |
| E (mm) | 50 | 75 | 100 | 125 | 50 | 75 | 100 | 125 |
| I _{cc peak} (I _{pk} in kA) | 10 | 400 | 600 | 800 | 350 | 600 | 750 | |
| | 15 | 300 | 450 | 600 | 800 | 250 | 400 | 700 |
| | 20 | 250 | 350 | 450 | 600 | 150 | 225 | 375 |
| | 25 | 200 | 250 | 300 | 400 | 125 | 150 | 250 |
| | 30 | | | | | 100 | 125 | 175 |
| 35 | | | | | | 100 | 125 | 150 |

Maximale Distanzen «D» (mm) E variabel (Fortsetzung)

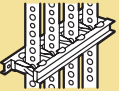
| Träger |  | | | |  | | | |  | | |
|----------------|---|---------------------|------------------------------------|---------------------|---|---------------------|---------------------|---------------------|---|---------------------|---------------------|
| | 0373 96 | | 0373 32 | 0374 36 | 0373 10 | | 0373 15 | | 0373 15 | | |
| Sammelschienen | 0373 88 (12 x 2) | 0373 89 (12 x 4) | 0374 33/34 (15 x 4) (18 x 4) | 0374 38 (25 x 4) | 0374 34 (18 x 4) | 0374 38 (25 x 4) | 0374 18 (25 x 5) | 0374 19 (32 x 5) | 0374 34 (18 x 4) | 0374 18 (25 x 5) | 0374 19 (32 x 5) |
| 10 | 200 | 400 | 550 | 650 | 550 | 650 | 800 | 900 | 1000 | 1200 | 1500 |
| 15 | 150 | 300 | 400 | 500 | 400 | 600 | 700 | 800 | 700 | 1000 | 1200 |
| 20 | 125 | 200 | 300 | 400 | 300 | 450 | 550 | 700 | 550 | 750 | 950 |
| 25 | 100 | 150 | 200 | 350 | 250 | 350 | 400 | 500 | 400 | 600 | 750 |
| 30 | | | 150 | 200 | 200 | 300 | 350 | 400 | 350 | 500 | 650 |
| 35 | | | 100 | 150 | 150 | 250 | 300 | 350 | 300 | 400 | 550 |
| 40 | | | | 100 | 150 | 200 | 300 | 300 | 250 | 350 | 450 |
| 45 | | | | | | 150 | 200 | 200 | 200 | 300 | 400 |
| 50 | | | | | | 150 | 175 | 100 | 200 | 300 | 400 |
| 55 | | | | | | 100 | 150 | 100 | 200 | 250 | 300 |
| 60 | | | | | | | 150 | | 200 | 250 | 300 |
| 70 | | | | | | | | | 150 | 200 | 250 |
| 80 | | | | | | | | | 150 | 200 | 250 |

■ Bestimmung der Abstände zwischen den Sammelschienenträgern (Fortsetzung)

Maximale Distanz «D» (mm) – E fix: 75mm

| Sammelschienen-träger |  | | | | |  | | | | | | |
|-----------------------|---|---------------------|---------------------|---------------------|---------------------|---|-------------------------------|-------------------------------|----------------------------|---------------------|---------------------|---------------------|
| | 1 St. Sammelschiene/Leiter | | | | | 1 St. Kupfer-Sammelschiene/Leiter | | | 1 St. Sammelschiene/Leiter | | | |
| Sammelschiene | 0374 34 (18 x 4) | 0374 18 (25 x 5) | 0374 19 (32 x 5) | 0374 40 (50 x 5) | 0374 41 (63 x 5) | 0374 60 155mm ² | 0374 61 265mm ² | 0374 62 440mm ² | 0374 40 (50 x 5) | 0374 41 (63 x 5) | 0374 59 (75 x 5) | 0374 43 (80 x 5) |
| 10 | 800 | 800 | 900 | | | 1100 | 1600 | 1600 | 1000 | 1200 | 1200 | 1200 |
| 15 | 400 | 600 | 600 | 700 | 800 | 800 | 1000 | 1300 | 800 | 900 | 1000 | 1000 |
| 20 | 300 | 450 | 500 | 600 | 700 | 600 | 800 | 1000 | 650 | 700 | 750 | 750 |
| 25 | 250 | 350 | 400 | 500 | 550 | 450 | 650 | 800 | 500 | 600 | 600 | 600 |
| 30 | 225 | 300 | 350 | 400 | 450 | 400 | 550 | 700 | 400 | 500 | 550 | 550 |
| 35 | 200 | 250 | 300 | 350 | 400 | 350 | 450 | 600 | 350 | 450 | 450 | 450 |
| 40 | 175 | 200 | 250 | 275 | 300 | 300 | 400 | 550 | 300 | 350 | 400 | 400 |
| 45 | 150 | 200 | 200 | 225 | 250 | 250 | 350 | 500 | 300 | 300 | 350 | 350 |
| 50 | 150 | 150 | 150 | 200 | 200 | 250 | 300 | 450 | 250 | 250 | 300 | 300 |
| 60 | 125 | 125 | 125 | 150 | 150 | 200 | 300 | 400 | 200 | 250 | 250 | 250 |
| 70 | 100 | 100 | 100 | 150 | 150 | 150 | 250 | 350 | 150 | 200 | 200 | 200 |
| 80 | | | | 100 | 100 | | 200 | 300 | 100 | 150 | 200 | 200 |
| 90 | | | | | | | 200 | 250 | 100 | 150 | 200 | 200 |
| 100 | | | | | | | 150 | 250 | 100 | 150 | 150 | 150 |
| 110 | | | | | | | 150 | 200 | 100 | 100 | 150 | 150 |
| 120 | | | | | | | 150 | 200 | 100 | 100 | 100 | 100 |

Maximale Distanz «D» (mm) – E Fix: 75mm

| Sammelschienen-träger |  | | | | | | | | | |
|-----------------------|---|---------------------|---------------------|---------------------|----------------------|-----------------------------|---------------------|---------------------|---------------------|----------------------|
| | 1 St. Sammelschiene/Leiter | | | | | 2 St. Sammelschienen/Leiter | | | | |
| Sammelschiene | 0374 40 (50 x 5) | 0374 41 (63 x 5) | 0374 59 (75 x 5) | 0374 43 (80 x 5) | 0374 46 (100 x 5) | 0374 40 (50 x 5) | 0374 41 (63 x 5) | 0374 59 (75 x 5) | 0374 43 (80 x 5) | 0374 46 (100 x 5) |
| 10 | 1000 | 1200 | 1200 | 1200 | 1200 | | | | | |
| 15 | 800 | 900 | 1000 | 1000 | 1200 | | | | | |
| 20 | 650 | 700 | 750 | 750 | 900 | | | | | |
| 25 | 500 | 600 | 600 | 600 | 700 | | | | | |
| 30 | 400 | 500 | 550 | 550 | 600 | 700 | 800 | | | |
| 35 | 350 | 450 | 450 | 450 | 550 | | | | | |
| 40 | 300 | 350 | 400 | 400 | 450 | 550 | 600 | 650 | 650 | 700 |
| 45 | 300 | 300 | 350 | 350 | 400 | | | | | |
| 50 | 250 | 250 | 300 | 300 | 350 | 450 | 500 | 500 | 500 | 550 |
| 60 | 200 | 250 | 250 | 250 | 300 | 350 | 400 | 400 | 400 | 450 |
| 70 | 150 | 200 | 250 | 250 | 250 | 250 | 350 | 350 | 350 | 400 |
| 80 | 100 | 150 | 200 | 200 | 200 | 250 | 300 | 300 | 300 | 300 |
| 90 | 100 | 150 | 200 | 200 | 200 | 200 | 250 | 300 | 300 | 300 |
| 100 | 100 | 150 | 150 | 150 | 150 | 200 | 200 | 250 | 250 | 250 |
| 110 | 100 | 100 | 150 | 150 | 150 | 200 | 150 | 200 | 200 | 200 |
| 120 | 100 | 100 | 100 | 100 | 100 | 150 | 150 | 200 | 200 | 200 |

Sammelschienenenträger:


- Horizontale Sammelschienen⁽¹⁾ sind zwingend mit folgenden Elementen zu installieren:
 - 2 St. Fixhalterungen in Schränken einer Breite von 725 und 975
 - 1 St. Fixhalterung in Kabelzone bzw. Schränken einer Breite von 475mm
- Vertikale Profilschienen Zusätzlich in Verbindung mit 4 Fixhalterungen falls notwendig.

⁽¹⁾ Falls Kupferflächprofile verwendet werden, dürfen nur Fixhalterungen eingesetzt werden.


Sammelschienen und Sammelschienträger


Technische Daten (Fortsetzung)

Maximale Distanz «D» (mm) mit Sammelschienenstärke 5mm – E fix: 125mm

| Sammelschienen-träger | 0373 24, 0373 25, 0373 93  | | | | | | | | | | | | | | | | | | | | |
|-------------------------|--|--------|------------------|---------|---------|-----------------------------|--------|------------------|---------|---------|-----------------------------|--------|------------------|---------|---------|-------------------------|--------|------------------|---------|---------|------|
| | 1 St. Sammelschiene/Leiter | | | | | 2 St. Sammelschienen/Leiter | | | | | 3 St. Sammelschienen/Leiter | | | | | 4 Sammelschienen/Leiter | | | | | |
| Sammelschienen | 50 x 5 | 63 x 5 | 75 x 5 80 x 5 | 100 x 5 | 125 x 5 | 50 x 5 | 63 x 5 | 75 x 5 80 x 5 | 100 x 5 | 125 x 5 | 50 x 5 | 63 x 5 | 75 x 5 80 x 5 | 100 x 5 | 125 x 5 | 50 x 5 | 63 x 5 | 75 x 5 80 x 5 | 100 x 5 | 125 x 5 | |
| Icc peak (Ipk in kA) | 10 | 1550 | 1700 | 1700 | 1700 | 1700 | 1700 | 1700 | 1700 | 1700 | – | – | – | – | – | – | – | – | – | – | |
| | 15 | 1050 | 1200 | 1350 | 1550 | 1700 | 1550 | 1700 | 1700 | 1700 | 1700 | – | – | – | – | – | – | – | – | – | |
| | 20 | 800 | 900 | 1000 | 1150 | 1350 | 1200 | 1350 | 1500 | 1700 | 1700 | 1550 | 1700 | 1700 | 1700 | 1700 | 1700 | 1700 | 1700 | 1700 | 1700 |
| | 25 | 650 | 750 | 800 | 950 | 1100 | 950 | 1100 | 1200 | 1400 | 1550 | 1250 | 1450 | 1600 | 1700 | 1700 | 1550 | 1700 | 1700 | 1700 | 1700 |
| | 30 | 550 | 600 | 700 | 800 | 900 | 800 | 900 | 1000 | 1150 | 1300 | 1050 | 1200 | 1350 | 1550 | 1700 | 1300 | 1500 | 1700 | 1700 | 1700 |
| | 35 | 450 | 550 | 600 | 650 | 800 | 700 | 800 | 900 | 1000 | 1150 | 900 | 1050 | 1150 | 1300 | 1500 | 1150 | 1250 | 1450 | 1650 | 1700 |
| | 40 | 400 | 450 | 550 | 600 | 700 | 600 | 700 | 800 | 900 | 1000 | 800 | 900 | 1050 | 1150 | 1300 | 1000 | 1100 | 1300 | 1450 | 1650 |
| | 45 | 350 | 400 | 450 | 550 | 600 | 550 | 600 | 700 | 800 | 900 | 700 | 800 | 900 | 1050 | 1200 | 900 | 1000 | 1150 | 1300 | 1450 |
| | 50 | 350 | 350 | 450 | 500 | 550 | 500 | 550 | 650 | 700 | 800 | 650 | 750 | 850 | 950 | 1050 | 800 | 900 | 1050 | 1150 | 1350 |
| | 60 | 300 | 300 | 350 | 400 | 450 | 400 | 450 | 550 | 600 | 700 | 550 | 600 | 700 | 800 | 900 | 650 | 750 | 850 | 1000 | 1100 |
| | 70 | 250 | 250 | 300 | 350 | 400 | 350 | 400 | 450 | 500 | 600 | 450 | 500 | 600 | 700 | 800 | 600 | 650 | 750 | 850 | 950 |
| | 80 | – | 250 | 250 | 300 | 350 | 300 | 350 | 400 | 450 | 550 | 400 | 450 | 550 | 600 | 700 | 500 | 600 | 650 | 750 | 850 |
| | 90 | – | – | 250 | 250 | 300 | 300 | 300 | 350 | 400 | 500 | 350 | 400 | 500 | 550 | 600 | 450 | 500 | 600 | 650 | 750 |
| | 100 | – | – | – | 250 | 300 | 250 | 300 | 300 | 350 | 500 | 350 | 400 | 450 | 500 | 550 | 400 | 450 | 550 | 600 | 700 |
| | 110 | – | – | – | 250 | 250 | 250 | 250 | 300 | 350 | 450 | 300 | 350 | 400 | 450 | 500 | 350 | 400 | 450 | 500 | 600 |
| | 120 | – | – | – | – | 250 | – | – | 250 | 300 | 450 | 300 | 300 | 350 | 400 | 450 | 350 | 400 | 450 | 550 | 550 |
| | 130 | – | – | – | – | 250 | – | – | 250 | 300 | 400 | 250 | 300 | 350 | 350 | 450 | 300 | 350 | 400 | 500 | 550 |
| | 140 | – | – | – | – | – | – | – | 250 | 250 | 400 | 250 | 250 | 300 | 350 | 400 | 300 | 350 | 400 | 450 | 500 |
| | 150 | – | – | – | – | – | – | – | – | 250 | 350 | 250 | 250 | 300 | 350 | 400 | 300 | 300 | 350 | 400 | 450 |
| | 160 | – | – | – | – | – | – | – | – | 250 | 350 | – | 250 | 250 | 300 | 350 | 250 | 300 | 350 | 400 | 450 |
| | 170 | – | – | – | – | – | – | – | – | – | 350 | – | 250 | 250 | 300 | 350 | 250 | 300 | 300 | 350 | 300 |
| 180 | – | – | – | – | – | – | – | – | – | 300 | – | – | 250 | 300 | 300 | 250 | 250 | 300 | 350 | 300 | |
| 190 | – | – | – | – | – | – | – | – | – | – | – | – | 250 | 250 | 300 | 250 | 250 | 300 | 300 | 250 | |
| 200 | – | – | – | – | – | – | – | – | – | – | – | – | – | 250 | 300 | – | 250 | 250 | 300 | 250 | |
| 210 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | 250 | 250 | – | 250 | 250 | 200 | |
| 220 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | 250 | 250 | – | – | 250 | 200 | |

Maximale Distanz «D» (mm) mit Sammelschienen Stärke 10mm – E fix: 125mm

| Sammelschienen-träger | 0373 24, 0373 25 et 0373 93  | | | | | | | | |
|-------------------------|---|----------|----------|-----------------------------|----------|----------|-----------------------------|----------|----------|
| | 1 St. Sammelschiene/Leiter | | | 2 St. Sammelschienen/Leiter | | | 3 St. Sammelschienen/Leiter | | |
| Sammelschienen | 80 x 10 | 100 x 10 | 120 x 10 | 80 x 10 | 100 x 10 | 120 x 10 | 80 x 10 | 100 x 10 | 120 x 10 |
| Icc peak (Ipk in kA) | 20 | 1700 | 1700 | 1700 | 1700 | 1700 | 1700 | 1700 | 1700 |
| | 25 | 1600 | 1700 | 1700 | 1700 | 1700 | 1700 | 1700 | 1700 |
| | 30 | 1350 | 1550 | 1700 | 1700 | 1700 | 1700 | 1700 | 1700 |
| | 35 | 1150 | 1300 | 1450 | 1700 | 1700 | 1700 | 1700 | 1700 |
| | 40 | 1050 | 1150 | 1300 | 1500 | 1700 | 1700 | 1700 | 1700 |
| | 45 | 900 | 1050 | 1150 | 1350 | 1550 | 1700 | 1700 | 1700 |
| | 50 | 850 | 950 | 1050 | 1200 | 1400 | 1550 | 1600 | 1700 |
| | 60 | 700 | 800 | 850 | 1000 | 1150 | 1300 | 1350 | 1550 |
| | 70 | 600 | 700 | 750 | 900 | 1000 | 1100 | 1150 | 1300 |
| | 80 | 550 | 600 | 650 | 750 | 900 | 1000 | 1000 | 1150 |
| | 90 | 500 | 550 | 600 | 700 | 800 | 900 | 900 | 1050 |
| | 100 | 450 | 500 | 550 | 600 | 700 | 800 | 850 | 950 |
| | 110 | 400 | 450 | 500 | 550 | 650 | 750 | 750 | 800 |
| | 120 | 350 | 400 | 450 | 550 | 600 | 650 | 700 | 750 |
| | 130 | 350 | 350 | 400 | 500 | 550 | 600 | 650 | 700 |
| | 140 | 300 | 350 | 400 | 450 | 500 | 600 | 600 | 650 |
| | 150 | 300 | 350 | 350 | 450 | 500 | 550 | 550 | 600 |
| | 160 | 250 | 300 | 350 | 400 | 450 | 500 | 500 | 500 |
| | 170 | 250 | 300 | 300 | 350 | 450 | 500 | 500 | 500 |
| | 180 | 250 | 300 | 300 | 350 | 400 | 450 | 500 | 450 |
| | 190 | 250 | 250 | 300 | 350 | 400 | 450 | 450 | 400 |
| 200 | 200 | 250 | 300 | 300 | 350 | 400 | 450 | 400 | |
| 210 | 200 | 250 | 250 | 300 | 350 | 350 | 400 | 350 | |
| 220 | – | 250 | 250 | 300 | 350 | 300 | 350 | 300 | |
| 230 | – | 200 | 250 | 300 | 300 | 300 | 300 | 300 | |
| 240 | – | – | 200 | 250 | 300 | 250 | 300 | 250 | |
| 250 | – | – | 200 | 250 | 300 | 250 | 250 | 250 | |

| Sammel-schienträger | 0373 12 und 0373 13  | | |
|--------------------------|---|---------------------|---------------------|
| | 200 x 10 | | |
| Sammelschienen | 1 Sammel-schienen/L | 2 Sammel-schienen/L | 3 Sammel-schienen/L |
| Icc crête (Ipk in kA) | 20 | 1700 | 1700 |
| | 25 | 1700 | 1700 |
| | 30 | 1550 | 1700 |
| | 35 | 1300 | 1450 |
| | 40 | 1150 | 1350 |
| | 45 | 1050 | 1150 |
| | 50 | 950 | 1050 |
| | 60 | 850 | 900 |
| | 70 | 700 | 800 |
| | 80 | 650 | 700 |
| | 90 | 600 | 650 |
| | 100 | 500 | 600 |
| | 110 | 450 | 550 |
| | 120 | 400 | 500 |
| | 130 | 400 | 500 |
| | 140 | 350 | 450 |
| | 150 | 350 | 400 |
| | 160 | 350 | 400 |
| | 170 | 300 | 400 |
| | 180 | 300 | 350 |
| | 190 | 300 | 350 |
| 200 | 250 | 300 | |
| 210 | 250 | 300 | |
| 220 | 200 | 250 | |
| 230 | 200 | 250 | |
| 240 | – | 200 | |

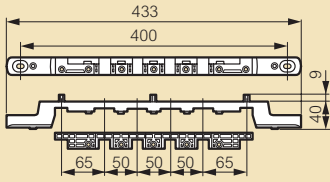
Sammelschienträger:

- Horizontale Sammelschienen⁽¹⁾ müssen mit folgenden Elementen installiert werden:
 - 2 St. Fixhalter in Schränken einer Breite von 725 und 975mm
 - 1 St. Fixhalter in Kabelzone Breite 475mm
 Werden zusätzlich zu 3 St. Fixhalter installiert, falls notwendig

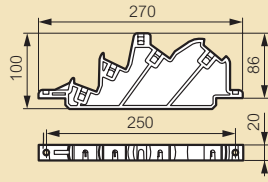
⁽¹⁾ Falls Kupferflachprofile verwendet werden, dürfen nur Fixhalterungen eingesetzt werden.

■ Abmessungen (mm)

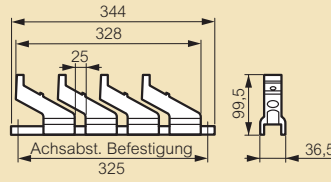
Art. 0373 15



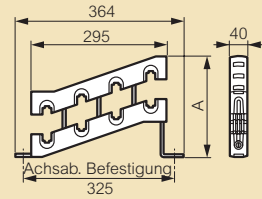
Art. 0373 10



Art. 0373 20

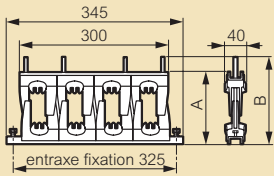


Art. 0373 21

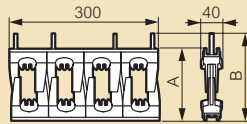


| Kupfer-Flach-Sammelschiene | | | | | |
|----------------------------|--------|--------|--------|--------|---------|
| C-Sammelschiene | 50 × 5 | 63 × 5 | 75 × 5 | 80 × 5 | 100 × 5 |
| A | 207 | 217 | 230 | 242 | 247 |

Art. 0373 22
(Sammelschienenträger fix)

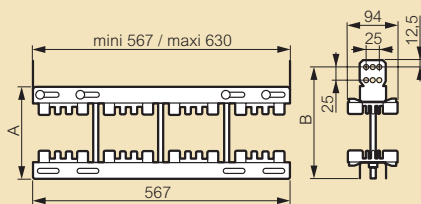


Art. 0373 23
(Sammelschienenträger einstellbar)

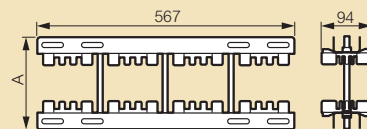


| Kupfer-Flach-Sammelschiene | | | | | |
|----------------------------|--------|--------|--------|--------|---------|
| | 50 × 5 | 63 × 5 | 75 × 5 | 80 × 5 | 100 × 5 |
| A | 112 | 125 | 137 | 142 | 162 |
| B | 126 | 126 | 171 | 171 | 171 |

Art. 0373 24
(Sammelschienenträger fix)



Art. 0373 25
(Sammelschienenträger einstellbar)



| Art. | Sammelschienenstärke 5 oder 10mm | Sammelschienenstärke 5 oder 10mm | | | | |
|------------|----------------------------------|----------------------------------|-------|-------|-------|-------|
| | | h75 | h80 | h100 | h120 | h125 |
| 0373 12/24 | A | 151 | 156 | 176 | 196 | 201 |
| | B | 187,5 | 192,5 | 215,5 | 232,5 | 237,5 |
| 0373 13/25 | A | 151 | 156 | 176 | 196 | 201 |