

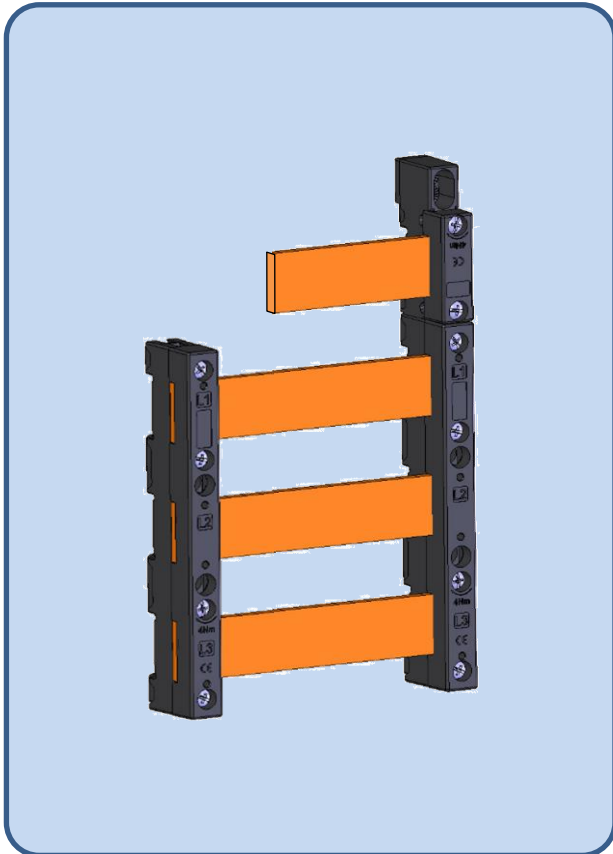
DATENBLATT / DATA SHEET

► System 60mm

Version: 21.07.2015

Sammelschienen-Träger
Bus bar support

○ FOTO



○ INFO

Kombinierbare Polzahlen

1 polig	PE, N oder PEN
2 polig	PE, N
3 polig	L1+L2+L3
4 polig	L1+L2+L3+N oder PEN
5 polig	L1+L2+L3+N+PE

Sammelschienen-Cu-dimensionen
12,15,20,25 und 30 x 5/10 mm

Combinable number of poles

1 pole	PE, N or PEN
2 pole	PE, N
3 pole	L1+L2+L3
4 pole	L1+L2+L3+N oder PEN
5 pole	L1+L2+L3+N+PE

Bus bar-Cu-dimensions

12,15,20,25 and 30 x 5/10 mm

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○ TYPENSPEKTRUM / TYPE RANGE

Beschreibung / Description		Artikelnummer / Article no.
Bemessungsbetriebsspannung / Rated operational voltage		690 VAC 50Hz
Sammelschienen-Träger Bus bar support	Befestigungsbohrungen Mounting holes	Höhe Height
3 polig / 3 poles	2 Innen / 2 Inside	N/A
L1+L2+L3	2 Innen, 2 außen / 2 Inside, 2 outside	IS502752
Einzelmontage or / Single assembly or		
Ansteckbar an 3 poligen Träger / Flange-mounting onto 3 pole version		
Befestigungsbohrung 1 außen / mounting hole 1 outside		
1 polig / 1 poles	Montage an / Mounting onto	
PEN, PE, N	6000	N/A
Ansteckbar an 3 poligen Träger / Flange-mounting onto 3 pole version		
1 polig / 1 poles	Montage an / Mounting onto	
PEN, PE, N	6000	N/A
Einzelmontage or / Single assembly or		
Ansteckbar an 3 poligen Träger 6000 / Flange-mounting onto 3 pole version 6000		
2 polig / 2 poles	1 Innen / 1 Inside	IS502755
PE+N	1 Innen, 1 außen / 1 Inside, 1 outside	N/A

○ ZUBEHÖR / ACCESSORIES

Endschutz End cover	Artikelnummer / Article no.
3 polig / 3 poles	IS502757

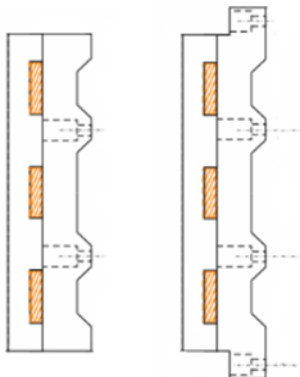
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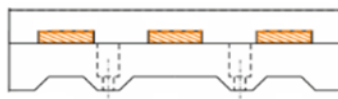
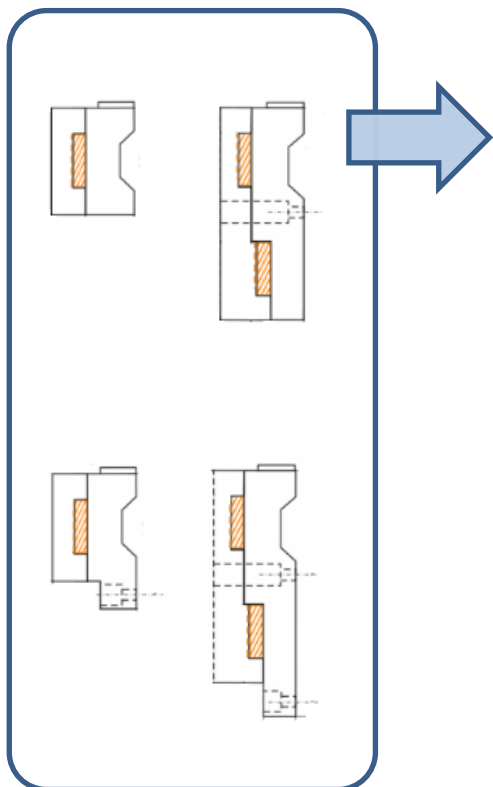
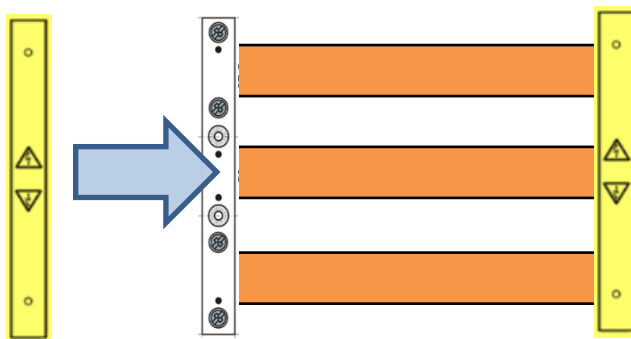
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○ TYPENSPEKTRUM / **TYPE RANGE**

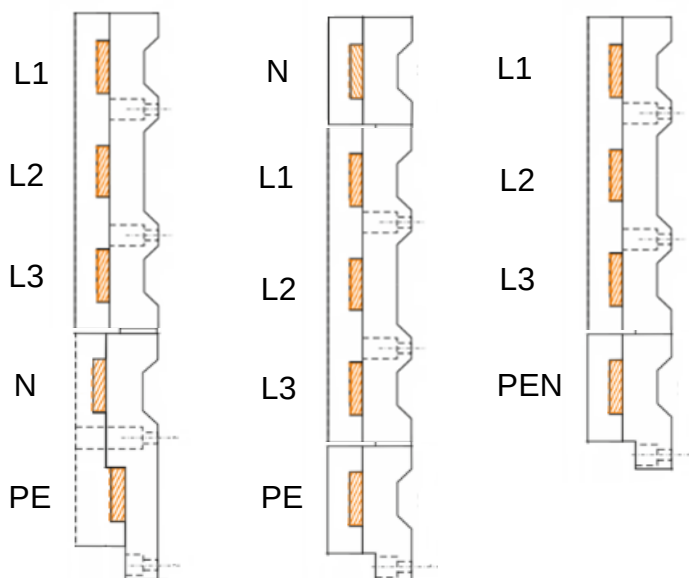
IS502752



IS502757



ANWENDUNGSBEISPIELE / **APPLICATION EXAMPLES**



DATENBLATT / DATA SHEET

► **System 60mm**

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○ ELEKTRISCH / ELECTRICAL PROPERTIES

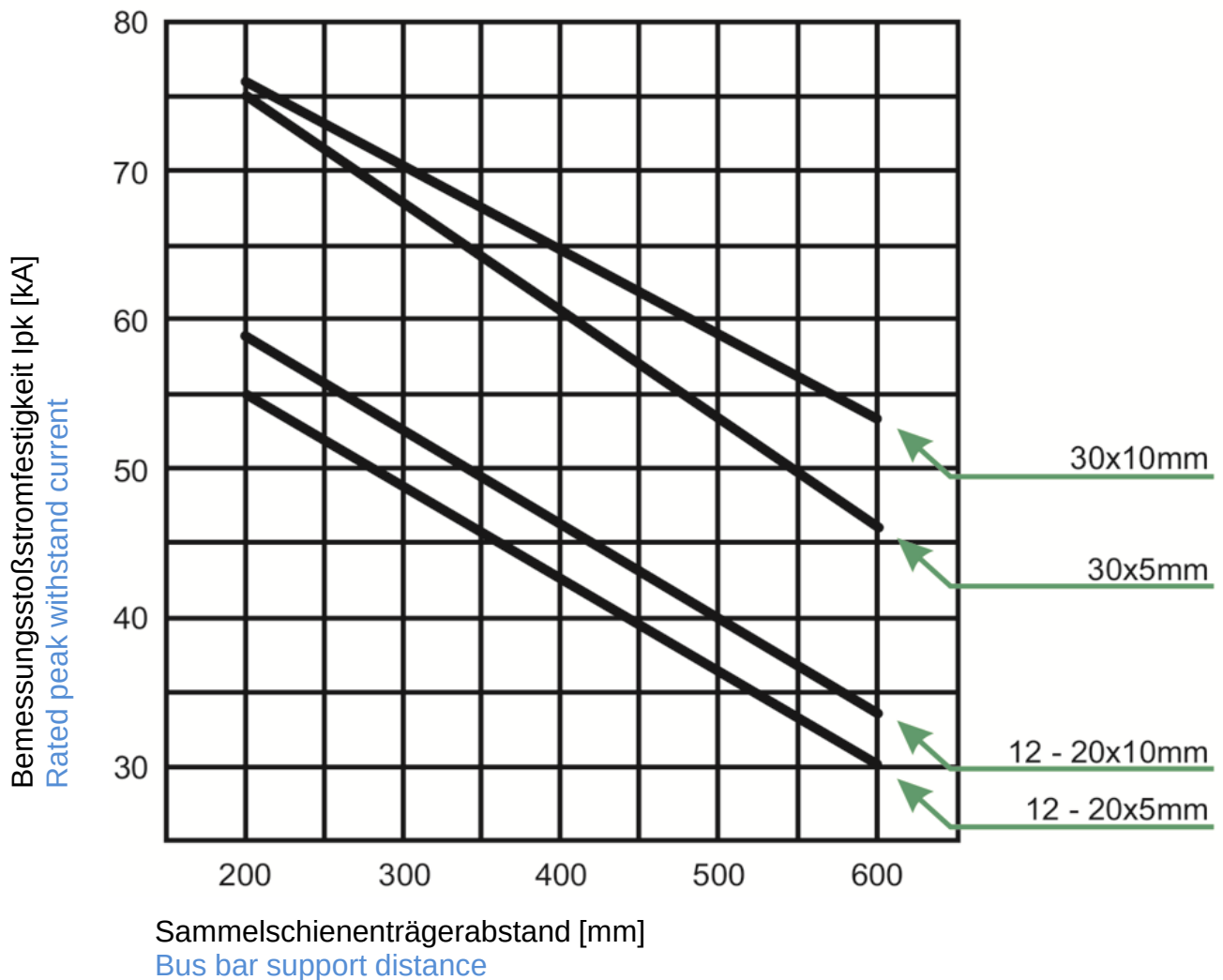
Standards	IEC/EN 61439-1
	IEC/EN 60695-2, IEC/EN60695-2-11
	IEC/EN 60664-1

Keine Bedienung durch Laien gemäß Not to be operated by ordinary persons	IEC/EN 61439-3 VDE 0660-600-3
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Polzahlen / Poles	3P, 1P, 2P
Kombinierbar / Combinable	4P, 5P

Bemessungsbetriebsspannung Rated operational voltage	U_e	690 VAC
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Bemessungsstossstromfestigkeit Rated peak withstand current	I_{pk}
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○ ELEKTRISCH / ELECTRICAL PROPERTIES

Bemessungskurzzeitstromfestigkeit Rated short-time withstand current	I_{cw}	Dauer Duration	1 s	kA
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IEC/EN 61439-1 Tabelle 7 - Werte des Faktors n IEC/EN 61439-1 Table 7 - Values of factor n	$I_{pk} = I_{cw} \cdot n$ $I_{cw} = I_{pk} / n$
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Effektivwert des Kurzschlussstroms Root Mean Square value of the short-circuit current kA	$\cos\varphi$	n
5 < / ≤ 5	0,7	1,5
10 < / ≤ 10	0,5	1,7
20 < / ≤ 20	0,3	2
50 < / ≤ 50	0,25	2,1
50 < / ≤ 50	0,2	2,2

Abweichungen siehe IEC/EN 61439-1
Deviations according to IEC/EN 61439-1

Bemessungsfrequenz Rated frequency	f_n	50/60 Hz
Bemessungsisolationsspannung Rated insulation voltage	U_i	1000 VAC
Bemessungsstoßspannungsfestigkeit Rated short-circuit making capacity	U_{imp}	8 kV
Überspannungskategorie Overvoltage category		IV
Kriechstromfestigkeit Comparative tracking index	CTI	600
Verlustleistung Power loss		0 W

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○ MECHANISCH / MECHANICAL PROPERTIES

Gewicht Weight	Träger Bus bar support	3P	130 g
		6001 3P	140 g
		6002 1P	48 g
		6006 1P	44 g
		6004 2P	72 g
		6005 2P	75 g
	Endschutz End cover	6003 3P	2 g
Schraube Screw		Pozidriv	PZ2
	Anzugsdrehmoment Tightening torque	M _n	4 Nm
		Bereich / Range	3-4 Nm
Temperaturbereich Temperature range	IEC 61439-1	Umgebungsluft / Ambient air	-25 bis +60 °C
		24h Durchschnitt / Average	≤ +50 °C
		Lagerung / Storage	-25 bis +60 °C
		Betrieb / Operation	≤ +80 °C
Brandklasse Flame class		nach UL 94 according to UL94	V0
Glühdrahtprüfung Glow-wire test			960* °C
Klimafestigkeit Climatic resistance	IEC 60068-2-78	Feuchte Hitze Moist heat	konstant constant
	IEC 60068-2-30		zyklisch cyclical
Verschmutzungsgrad Pollution degree			3
Kunststoff Plastic		halogen-, phosphor-, silikonfrei Halogen-, silicone-, and phosphorfree	

* Isolierstoffteile, die stromführende Teile in Lage fixieren

* Parts of insulating material necessary to retain current-carrying parts in position

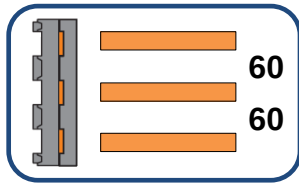
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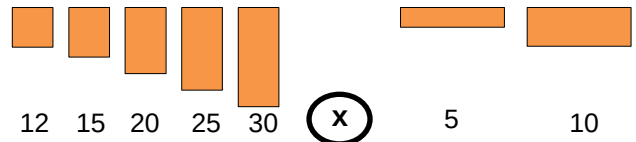
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○ MECHANISCH / MECHANICAL PROPERTIES

Montage
Mounting



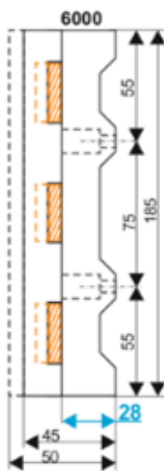
Für Cu-Schienen [mm]
For Cu-bars



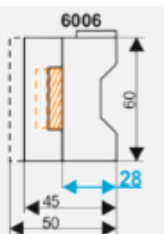
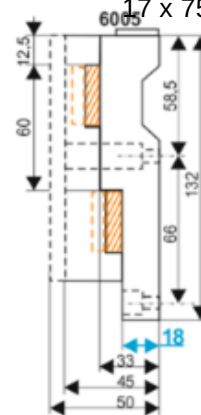
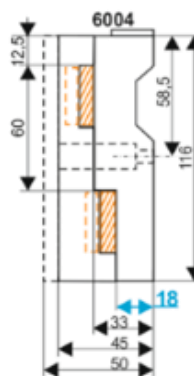
Abmessungen B x H x T
mm Dimensions W x H x D
mm

3P		17 x 185 x 45
3P	IS502752	17 x 216 x 45

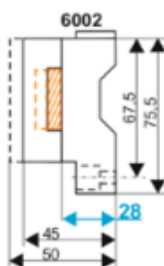
2P		17 x 116 x 45	mm
2P	IS502755	17 x 132 x 45	mm
1P		17 x 60 x 45	mm
1P		17 x 75,5 x 45	mm



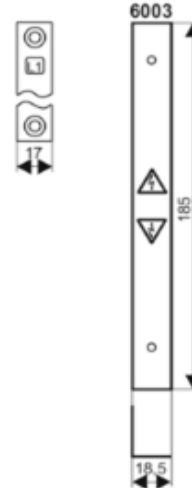
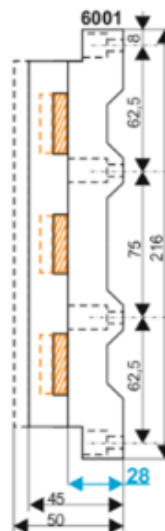
3P
Innen



1P
Innen



1P
Außen



DATENBLATT / DATA SHEET

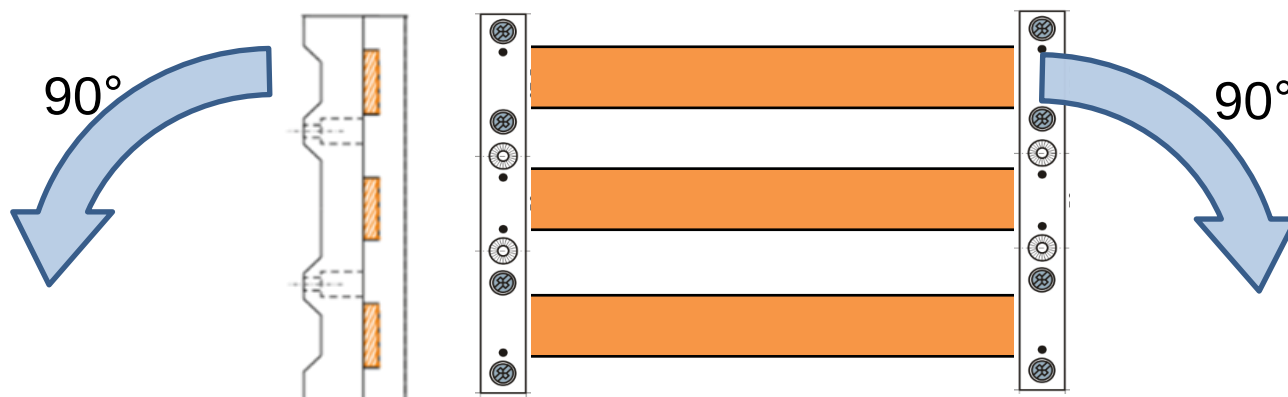
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○ MECHANISCH / MECHANICAL PROPERTIES

Einbaulage

Mounting position

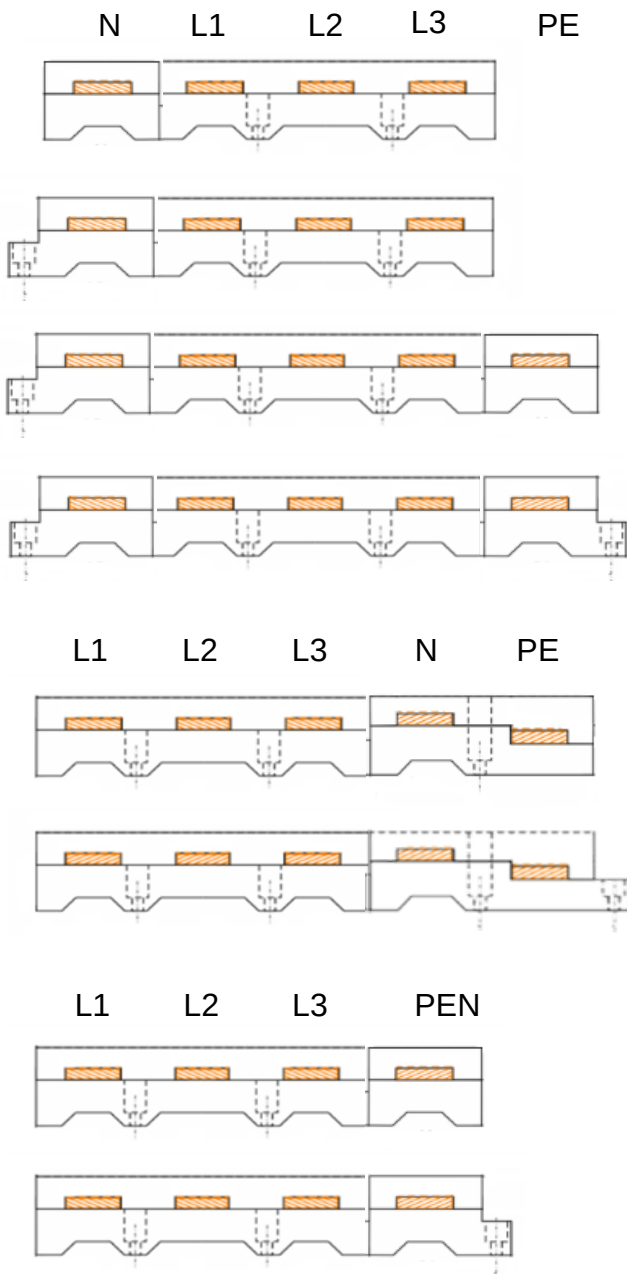


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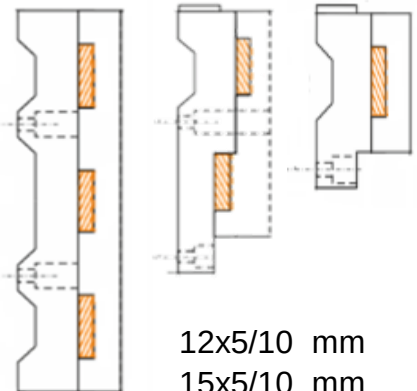
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○ KOMBINATIONEN / COMBINATIONS



Cu-Dimensionen / Cu-dimensions

3P 2P 1P



12x5/10 mm
15x5/10 mm
20x5/10 mm
25x5/10 mm
30x5/10 mm

1P*



12x5/10 mm
30x5/10 mm

2P



12x5/10 mm
30x5/10 mm

*N und/oder PE können andere Querschnitte als die Phasenschienen haben

*N and/or PE can have different Cross sections as Bus bars of the phases

