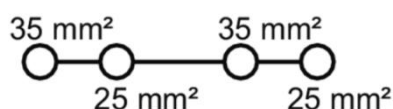


WPD 102

35 mm²



Width / Height / Depth	mm	22.2 / 49.3 / 55.7
Max. current / max. conductor	A / mm ²	125 / 35
Max. clamping range	mm ²	2.5...35

Technical data

IEC 60947-7-1, DIN EN 0603-3-1

Rating data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	1000	600	600	
Rated current	A	125	115	125	
For wire cross section	mm²	35	AWG 14...2	AWG 14...2	
Rated impulse withstand voltage / Pollution severity				8 kV / 3	
Approvals				III / V-0	
Conductors for clamping (H05V / H07V)					
Solid / Stranded		35 mm²	mm²	4...35 / 4...35	
		25 mm²	mm²	2.5...25 / 2.5...25	
Flexible with ferrule		35 mm²	mm²	2.5...25	
		25 mm²	mm²	1.5...16	
Stripping length / Blade size		35 mm²	mm / -	22 / M6 (+/- PZ2)	
		25 mm²	mm / -	18 / M6 (+/- PZ2)	
Tightening torque			Nm	See appendix at the end of the chapter	

Ordering data

Version	Type	Qty.	Order No.
light grey	WPD 102 2X35/2X25 GY	5	1561680000
blue	WPD 102 2X35/2X25 BL	5	1561640000
green	WPD 102 2X35/2X25 GN	5	1561670000
brown	WPD 102 2X35/2X25 BN	5	1561650000
black	WPD 102 2X35/2X25 BK	5	1561630000

Accessories

End bracket	Type	Qty.	Order No.
dark beige	WEW 35/2	100	1061200000
dark beige	AEB 35 SC/1	50	1991920000
Screwdriver	Type	Qty.	Order No.
	SDK PZ2	1	9008540000

WPD 202

35 mm²



Width / Height / Depth	mm	53 / 49.3 / 55.7
Max. current / max. conductor	A / mm ²	101 / 25
Max. clamping range	mm ²	1.5...25

Technical data

IEC 60947-7-1, DIN EN 0603-3-1

Rating data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	1000	600	600	
Rated current	A	125	115	125	
For wire cross section	mm ²	35	AWG 14...2	AWG 14...2	
Rated impulse withstand voltage / Pollution severity				8 kV / 3	
Approvals				III / V-0	
Conductors for clamping (H05V / H07V)					
Solid / Stranded		35 mm ²	mm ²	4...35 / 4...35	
		25 mm ²	mm ²	2.5...25 / 2.5...25	
Flexible with ferrule		35 mm ²	mm ²	2.5...25	
		25 mm ²	mm ²	1.5...16	
Stripping length / Blade size		35 mm ²	mm / -	22 / M6 (+/- PZ2)	
		25 mm ²	mm / -	18 / M6 (+/- PZ2)	
Tightening torque			Nm	See appendix at the end of the chapter	

Ordering data

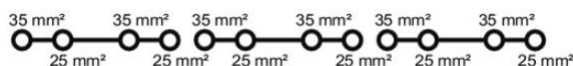
Version		Type	Qty.	Order No.
	light grey	WPD 202 4X35/4X25 GY	2	1561730000
	blue	WPD 202 4X35/4X25 BL	2	1561700000
	green	WPD 202 4X35/4X25 GN	2	1561620000
	brown	WPD 202 4X35/4X25 BN	2	1561720000
	black	WPD 202 4X35/4X25 BK	2	1561690000

Accessories

End bracket		Type	Qty.	Order No.
	dark beige	WEW 35/2	100	1061200000
	dark beige	AEB 35 SC/1	50	1991920000
Screwdriver		Type	Qty.	Order No.
		SDK PZ2 X 100	1	2749450000

WPD 302

35 mm²



Width / Height / Depth	mm	71.6 / 49.3 / 55.7
Max. current / max. conductor	A / mm ²	101 / 25
Max. clamping range	mm ²	1.5...25

Technical data

IEC 60947-7-1, DIN EN 0603-3-1

Rating data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	1000	600	600	
Rated current	A	125	115	125	
For wire cross section	mm ²	35	AWG 14...2	AWG 14...2	
Rated impulse withstand voltage / Pollution severity				8 kV / 3	
Approvals				III / V-0	
Conductors for clamping (H05V / H07V)					
Solid / Stranded		35 mm ²	mm ²	4...35 / 4...35	
		25 mm ²	mm ²	2.5...25 / 2.5...25	
Flexible with ferrule		35 mm ²	mm ²	2.5...25	
		25 mm ²	mm ²	1.5...16	
Stripping length / Blade size		35 mm ²	mm / -	22 / M6 (+/- PZ2)	
		25 mm ²	mm / -	18 / M6 (+/- PZ2)	
Tightening torque			Nm	See appendix at the end of the chapter	

Ordering data

Version	Type	Qty.	Order No.
light grey	WPD 301 2X35/2X25 3XGY	2	1561740000

Accessories

End bracket	Type	Qty.	Order No.
dark beige	WEW 35/2	100	1061200000
dark beige	AEB 35 SC/1	50	1991920000
Screwdriver	Type	Qty.	Order No.
	SDK PZ2 X 100	1	2749450000

Conductor connection data according to VDE 0603-2 (Cu), IEC 61238-1 Class A (Al)

Input (x2)	Copper		Aluminum
2x 35 mm ² (round conductor)			
			
35 mm ²	3.5 Nm	3.5 Nm	8 Nm
25 mm ²			6 Nm
16 mm ²			4 Nm
10 mm ²			
6 mm ²			
4 mm ²			
2.5 mm ²			
1.5 mm ²			
Stripping lengths	22 mm		
screw	M6 (+/- PZ2)		

Conductor connection data according to VDE 0603-2 (Cu), IEC 61238-1 Class A (Al)

Output (x2)	Copper		Aluminum
2x 25 mm ² (round conductor)			
			
25 mm ²	3.5 Nm	3.5 Nm	6 Nm
16 mm ²			4 Nm
10 mm ²			
6 mm ²			
4 mm ²			
2.5 mm ²			
1.5 mm ²			
Stripping lengths	19 mm		
screw	M6 (+/- PZ2)		

UL Rating data according to UL 1059

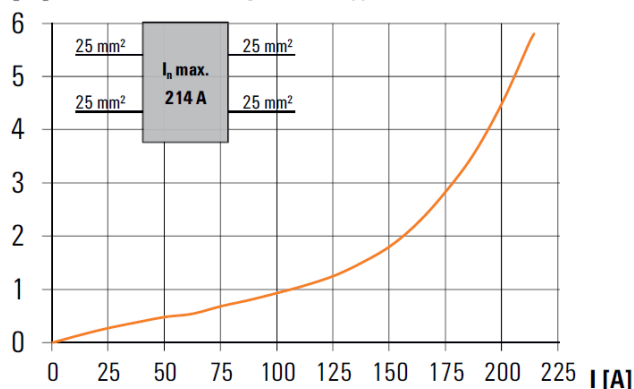
Certificate no. (UR): XCFR2.E60693

	Line			Load		
	Copper		Aluminum	Copper		Aluminum
						
						
AWG 2	31 Lb In	31 Lb In	70.8 Lb In	22.1 Lb In	22.1 Lb In	
AWG 4			53 Lb In			53 Lb In
AWG 6			53 Lb In			35 Lb In
AWG 8						
AWG 10						
AWG 12						
AWG 14						
AWG 16						
max. current	125 A	115 A	90 A	85 A	65 A	65 A
Voltage size B,C (UR)	600 V					

CSA Rating data according to CSA 22.2 No. 158						
Certificate no. (UR): XCFR2.E60693						
	Line			Load		
	Copper		Aluminum	Copper		Aluminum
						
AWG 2	3.5 Nm	3.5 Nm	8 Nm	3.5 Nm	3.5 Nm	6 Nm
AWG 4			6 Nm			
AWG 6			4 Nm			
AWG 8						
AWG 10						
AWG 12						
AWG 14						
AWG 16						
max. current	125 A	85 A	90 A	85 A	65 A	65 A
Voltage size B,C (UR)	600 V					

WPD 102 / WPD 302

P [W] Power loss diagramm for copper conductors



WPD 202

P [W] Power loss diagramm for copper conductors

