
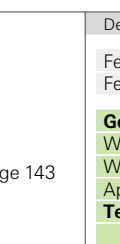







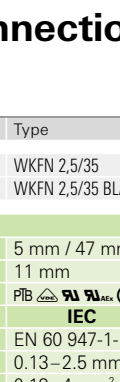







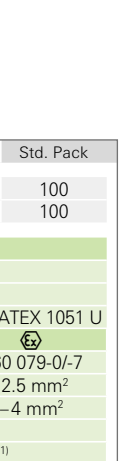








Feed-through blocks with tension spring connection

WKFN 2,5/35	Description	Type	Part No.	Std. Pack	
	<ul style="list-style-type: none"> • Feed-through block with tension spring connection for mounting on TS 35 • Nominal cross section 2.5 mm² • Ex e I/II  II 2GD IM2 <p>Follow the EX installation instructions on page 143</p> 	Feed-through block, gray	WKFN 2,5/35	56.703.0055.0	100
Feed-through block, blue		WKFN 2,5/35 BLAU	56.703.0055.6	100	
General data					
Width / length / height, incl. TS 7.5		5 mm / 47 mm / 38 mm			
Wire strip length		11 mm			
Approvals		PTB      PTB 04 ATEX 1051 U			
Technical data					
		IEC	UL	CSA	
		EN 60 947-1-1			EN 60 079-0/-7
Cross section fine-stranded		0.13–2.5 mm ²			0.2–2.5 mm ²
Cross section solid/stranded		0.13–4 mm ²			0.13–4 mm ²
Cross section, AWG			22–12	24–12	
Rated current		24 A	20 A	24 A	22 A ¹⁾
Rated voltage		800 V	600 V	600 V	550 V
Rated impulse voltage		8 kV			
Pollution degree	3				
Note					
				¹⁾ for 40 K and 45 K	
Accessories					
End plate, gray	Type	APFN 2,5	Part No.	07.312.6755.0	
End plate, blue	Type	APFN 2,5 BLAU	Part No.	07.312.6755.6	
Partition, gray	Type	TWFN 2,5	Part No.	07.312.6855.0	
			Std. Pack	10	

WKFN 2,5 D1/2/35	Description	Type	Part No.	Std. Pack	
	<ul style="list-style-type: none"> • Duo feed-through block with tension spring connection for mounting on TS 35 • Nominal cross section 2.5 mm² • Ex e I/II  II 2GD IM2 <p>Follow the EX installation instructions on page 143</p> 	Feed-through block, gray	WKFN 2,5 D1/2/35	56.703.5055.0	100
Feed-through block, blue		WKFN 2,5 D1/2/35 BLAU	56.703.5055.6	100	
General data					
Width / length / height, incl. TS 7.5		5 mm / 60 mm / 38 mm			
Wire strip length		11 mm			
Approvals		PTB      PTB 04 ATEX 1051 U			
Technical data					
		IEC	UL	CSA	
		EN 60 947-1-1			EN 60 079-0/-7
Cross section fine-stranded		0.13–2.5 mm ²			0.2–2.5 mm ²
Cross section solid/stranded		0.13–4 mm ²			0.13–4 mm ²
Cross section, AWG			22–12	24–12	
Rated current		24 A	20 A	24 A	22 A ¹⁾
Rated voltage		800 V	600 V	600 V	550 V
Rated impulse voltage		8 kV			
Pollution degree	3				
Note					
				¹⁾ for 40 K and 45 K	
Accessories					
End plate, gray	Type	APFN 2,5 D1/2	Part No.	07.312.6955.0	
End plate, blue	Type	APFN 2,5 D1/2 BLAU	Part No.	07.312.6955.6	
Partition, gray	Type	TWFN 2,5 D1/2	Part No.	07.312.7055.0	
			Std. Pack	10	

WKFN 2,5 D2/2/35	Description	Type	Part No.	Std. Pack	
	<ul style="list-style-type: none"> • Duo feed-through block with tension spring connection for mounting on TS 35 • Nominal cross section 2.5 mm² • Ex e I/II  II 2GD IM2 <p>Follow the EX installation instructions on page 143</p> 	Feed-through block, gray	WKFN 2,5 D2/2/35	56.703.5155.0	100
Feed-through block, blue		WKFN 2,5 D2/2/35 BLAU	56.703.5155.6	100	
General data					
Width / length / height, incl. TS 7.5		5 mm / 72 mm / 38 mm			
Wire strip length		11 mm			
Approvals		PTB      PTB 04 ATEX 1051 U			
Technical data					
		IEC	UL	CSA	
		EN 60 947-1-1			EN 60 079-0/-7
Cross section fine-stranded		0.13–2.5 mm ²			0.2–2.5 mm ²
Cross section solid/stranded		0.13–4 mm ²			0.13–4 mm ²
Cross section, AWG			22–12	24–12	
Rated current		24 A	20 A	24 A	22 A ¹⁾
Rated voltage		800 V	600 V	600 V	550 V
Rated impulse voltage		8 kV			
Pollution degree	3				
Note					
				¹⁾ for 40 K and 45 K	
Accessories					
End plate, gray	Type	APFN 2,5 D2/2	Part No.	07.312.7155.0	
End plate, blue	Type	APFN 2,5 D2/2 BLAU	Part No.	07.312.7155.6	
Partition, gray	Type	TWFN 2,5 D2/2	Part No.	07.312.7255.0	
			Std. Pack	10	

Supply block

WKF 16/35 PV/WKFN

- Supply block for mounting on TS 35
- Nominal cross section 2.5 mm²
- Ex e I/II Ⓜ II 2GD IM2
Follow the EX installation instructions on page 143



Description	Type	Part No.	Std. Pack			
Power feed-in block, gray	WKF 16/35 PV/WKFN	56.716.0353.0	20			
General data						
Width / length / height, incl. TS 7.5	12 mm / 82 mm / 48 mm					
Wire strip length	15 mm					
Approvals	KEMA 01 ATEX 2087 U					
Technical data		IEC	UL	CSA	Ⓜ	
	EN 60 947-7-1				EN 60 079-0/-7	
Cross section fine-stranded	4–16 mm ²				4–16 mm ²	
Cross section solid/stranded	4–16 mm ²				4–16 mm ²	
Cross section, AWG		24–4	12–4			
Rated current	76 A	75 A	78 A		64 A*)	
Rated voltage	800 V	600 V	600 V		690 V	
Rated impulse voltage	8 kV					
Pollution degree	3					
Note	* Type-specific output currents upon request					
Accessories				Type	Part No.	Std. Pack
Cover with warning symbol over 4 blocks	ADF 16/4 GELB	04.343.6653.8	10			
Screwdriver, uninsulated	DIN 5264 B 1,0x5,5	06.502.4200.0	5			

- Potential distribution with standard cross connector IVB WKF 2.5...
- Parallel connection of two cross connectors → double jumpering
- Potential distributions are possible on one or both sides

Potential-distribution	one side		both sides	
	single	double	single	double
I_{max}	48	68	72	76

$$I_{max} = \sum I_n \leq \sum I_{Nblock}$$

Accessories for fasis WKFN 2,5...



Accessories	Type	Part No.	Std. Pack	
Cross connector, insulated	2 pole	IVB WKF 2,5–2	Z7.280.6227.0	10
	3 pole	IVB WKF 2,5–3	Z7.280.6327.0	10
	4 pole	IVB WKF 2,5–4	Z7.280.6427.0	10
	5 pole	IVB WKF 2,5–5	Z7.280.6527.0	10
	6 pole	IVB WKF 2,5–6	Z7.280.6627.0	10
	7 pole	IVB WKF 2,5–7	Z7.280.6727.0	20
	8 pole	IVB WKF 2,5–8	Z7.280.6827.0	20
	9 pole	IVB WKF 2,5–9	Z7.280.6927.0	20
	10 pole	IVB WKF 2,5–10	Z7.280.7027.0	20
	20 pole	IVB WKF 2,5–20	Z7.280.8027.0	20
Wire entry guide	0.13–0.2 mm ²	LELN 2,5/1 WEISS	05.564.3755.0	100
	0.25–0.5 mm ²	LELN 2,5/2 GRAU	05.564.3855.0	100
	0.75–1.0 mm ²	LELN 2,5/3 SCHWARZ	05.564.3955.0	100
Cover with warning symbol over 4 blocks	yellow	ADFN 2,5/4 GELB	04.343.8353.8	10
Test adapter, modular		PS WKC/F	Z1.299.9753.0	10
Test plug		ST 2/2,3	Z5.553.2921.0	10
Screwdriver, uninsulated		DIN 5264 B 0,6x3,5	06.502.4000.0	5
Screwdriver, uninsulated, MINI		DIN 5264 B 0,6x3,5 M	06.502.5000.0	10