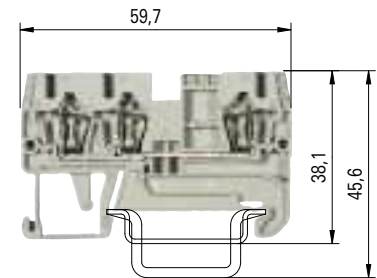
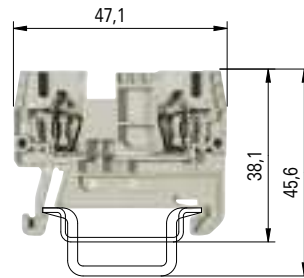


Duo feed-through blocks with tension spring connection



0344 Ex II 2GD IM2

Ex e I/II

EN 60 947-7-1:2002

UL ratings field/factory wiring

CSA ratings

PTB 04 ATEX 1051 U1) EN 60 079-0/EN 60 079-7

Width Wire strip length

Approvals

WKFN 2,5/35

fine-stranded solid V A
 0.13–2.5 mm² 0.13–4 mm² 800 V/8 kV/3 24
 No. 22-12 AWG 600 V 20
 No. 24-12 AWG 600 V 24
 0.2–2.5 mm² 0.13–4 mm² 550 V 22²⁾
 5 mm 11 mm

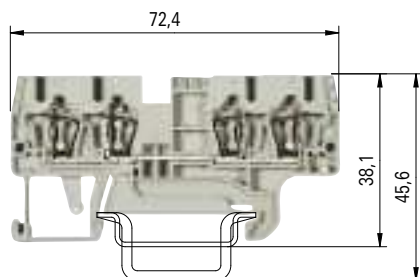


WKFN 2,5 D1/2/35

fine-stranded solid V A
 0.13–2.5 mm² 0.13–4 mm² 800 V/8 kV/3 24
 No. 22-12 AWG 600 V 20
 No. 24-12 AWG 600 V 24
 0.2–2.5 mm² 0.13–4 mm² 550 V 22²⁾
 5 mm 11 mm



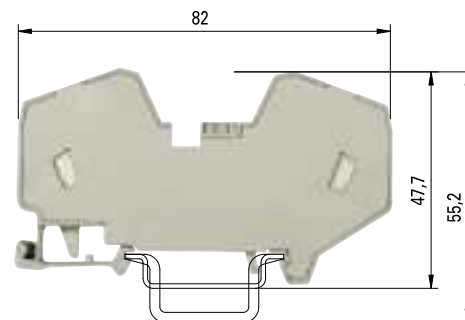
	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack	
Feed-through block	gray	WKFN 2,5/35	56.703.0055.0	100	WKFN 2,5 D1/2/35	56.703.5055.0	100
Feed-through block	blue	WKFN 2,5/35 BLAU	56.703.0055.6	100	WKFN 2,5 D1/2/35 BLAU	56.703.5055.6	100
Supply block	gray						
Accessories							
1. Mounting rail 35, 7.5 mm high	L = 2 m	35x27x7.5 EN 60715	98.300.0000.0	1	35x27x7.5 EN 60715	98.300.0000.0	1
Mounting rail 35, 15 mm high	L = 2 m	35x27x15 EN 60715	98.370.0000.0	1	35x27x15 EN 60715	98.370.0000.0	1
2. End clamp TS 35, with screw ²⁾	8 mm wide	9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100
End clamp TS 35, without screw	8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. End plate	gray	APFN 2,5	07.312.6755.0	10	APFN 2,5 D1/2	07.312.6955.0	10
	blue	APFN 2,5 BLAU	07.312.6755.6	10	APFN 2,5 D1/2 BLAU	07.312.6955.6	10
Segment end plate	gray						
4. Partition plate	gray	TWFN 2,5	07.312.6855.0	10	TWFN 2,5 D1/2	07.312.7055.0	10
5. Cross connector	2 pole	IVB WKF 2,5–2	Z7.280.6227.0	10	IVB WKF 2,5–2	Z7.280.6227.0	10
insulated	3 pole	IVB WKF 2,5–3	Z7.280.6327.0	10	IVB WKF 2,5–3	Z7.280.6327.0	10
	4 pole	IVB WKF 2,5–4	Z7.280.6427.0	10	IVB WKF 2,5–4	Z7.280.6427.0	10
	5 pole	IVB WKF 2,5–5	Z7.280.6527.0	10	IVB WKF 2,5–5	Z7.280.6527.0	10
	6 pole	IVB WKF 2,5–6	Z7.280.6627.0	10	IVB WKF 2,5–6	Z7.280.6627.0	10
	7 pole	IVB WKF 2,5–7	Z7.280.6727.0	20	IVB WKF 2,5–7	Z7.280.6727.0	20
	8 pole	IVB WKF 2,5–8	Z7.280.6827.0	20	IVB WKF 2,5–8	Z7.280.6827.0	20
	9 pole	IVB WKF 2,5–9	Z7.280.6927.0	20	IVB WKF 2,5–9	Z7.280.6927.0	20
	10 pole	IVB WKF 2,5–10	Z7.280.7027.0	20	IVB WKF 2,5–10	Z7.280.7027.0	20
	20 pole	IVB WKF 2,5–20	Z7.280.8027.0	20	IVB WKF 2,5–20	Z7.280.8027.0	20
6. Wire entry guide	0.13–0.2 mm ²	LELN 2,5/1 WEISS	05.564.3755.0	100	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	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	LELN 2,5/3 SCHWARZ	05.564.3955.0	100
7. Cover with warning symbol over 4 blocks		ADFN 2,5/4 GELB	04.343.8353.8	10	ADFN 2,5/4 GELB	04.343.8353.8	10
8. Marking tag carrier, 2-fold							
9. Test adapter, modular		PS WKC/F	Z1.299.9753.0	10	PS WKC/F	Z1.299.9753.0	10
10. Test plug		ST 2/2,3	Z5.553.2921.0	10	ST 2/2,3	Z5.553.2921.0	10
11. Screwdriver, uninsulated		DIN 5264 B 0,6x3,5	06.502.4000.0	5	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	DIN 5264 B 0,6x3,5 M	06.502.5000.0	10
Marking accessories see page 77–81							
¹⁾ Follow the Ex installation instructions.				²⁾ for 40 K and 45 K			



- 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	
Jumpering	single	double	single	double
I_{max}	48	68	72	76
I_{Nblock}	24	24	24	24

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



WKFN 2,5 D2/2/35

fine-stranded solid	V	A
0.13–2.5 mm ² 0.13–4 mm ²	800 V/8 kV/3	24
No. 22-12 AWG	600 V	20
No. 24-12 AWG	600 V	24
0.2–2.5 mm ² 0.13–4 mm ²	550 V	22 ²⁾
5 mm		11 mm



WKFN 16/35 PV/WKFN

fine-stranded solid/stranded	V	A
4–16 mm ² 4–16 mm ²	800 V/8 kV/3	76
No. 24-4 AWG	600 V	75
No. 12-4 AWG	600 V	78
4–16 mm ² 4–16 mm ²	690 V	64 A*
12 mm		15 mm



Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
WKFN 2,5 D2/2/35	56.703.5155.0	100			
WKFN 2,5 D2/2/35 BLAU	56.703.5155.6	100			
35x27x7,5 EN 60715	98.300.0000.0	1	WKFN 16/35 PV/WKFN	56.716.0353.0	20
35x27x15 EN 60715	98.370.0000.0	1			
9708/2 S35	Z5.522.8553.0	100			
WEF 1/35	Z5.523.9353.0	100			
APFN 2,5 D2/2	07.312.7155.0	10			
APFN 2,5 D2/2 BLAU	07.312.7155.6	10			
TWFN 2,5 D2/2	07.312.7255.0	10			
IVB WKF 2,5–2	Z7.280.6227.0	10	IVB WKF 2,5–2	Z7.280.6227.0	10
IVB WKF 2,5–3	Z7.280.6327.0	10	IVB WKF 2,5–3	Z7.280.6327.0	10
IVB WKF 2,5–4	Z7.280.6427.0	10	IVB WKF 2,5–4	Z7.280.6427.0	10
IVB WKF 2,5–5	Z7.280.6527.0	10	IVB WKF 2,5–5	Z7.280.6527.0	10
IVB WKF 2,5–6	Z7.280.6627.0	10	IVB WKF 2,5–6	Z7.280.6627.0	10
IVB WKF 2,5–7	Z7.280.6727.0	20	IVB WKF 2,5–7	Z7.280.6727.0	20
IVB WKF 2,5–8	Z7.280.6827.0	20	IVB WKF 2,5–8	Z7.280.6827.0	20
IVB WKF 2,5–9	Z7.280.6927.0	20	IVB WKF 2,5–9	Z7.280.6927.0	20
IVB WKF 2,5–10	Z7.280.7027.0	20	IVB WKF 2,5–10	Z7.280.7027.0	20
IVB WKF 2,5–20	Z7.280.8027.0	20	IVB WKF 2,5–20	Z7.280.8027.0	20
LELN 2,5/1 WEISS	05.564.3755.0	100			
LELN 2,5/2 GRAU	05.564.3855.0	100			
LELN 2,5/3 SCHWARZ	05.564.3955.0	100			
ADFN 2,5/4 GELB	04.343.8353.8	10	ADFN 16/4 GELB	04.343.6653.8	10
PS WKC/F	Z1.299.9753.0	10			
ST 2/2,3	Z5.553.2921.0	10	ST 2/2,3	Z5.553.2921.0	10
DIN 5264 B 0,6x3,5	06.502.4000.0	5	DIN 5264 B 1,0x5,5	06.502.4200.0	5
DIN 5264 B 0,6x3,5 M	06.502.5000.0	10			

* Type-specific output currents upon request; KEMA 01 ATEX 2087 U¹⁾