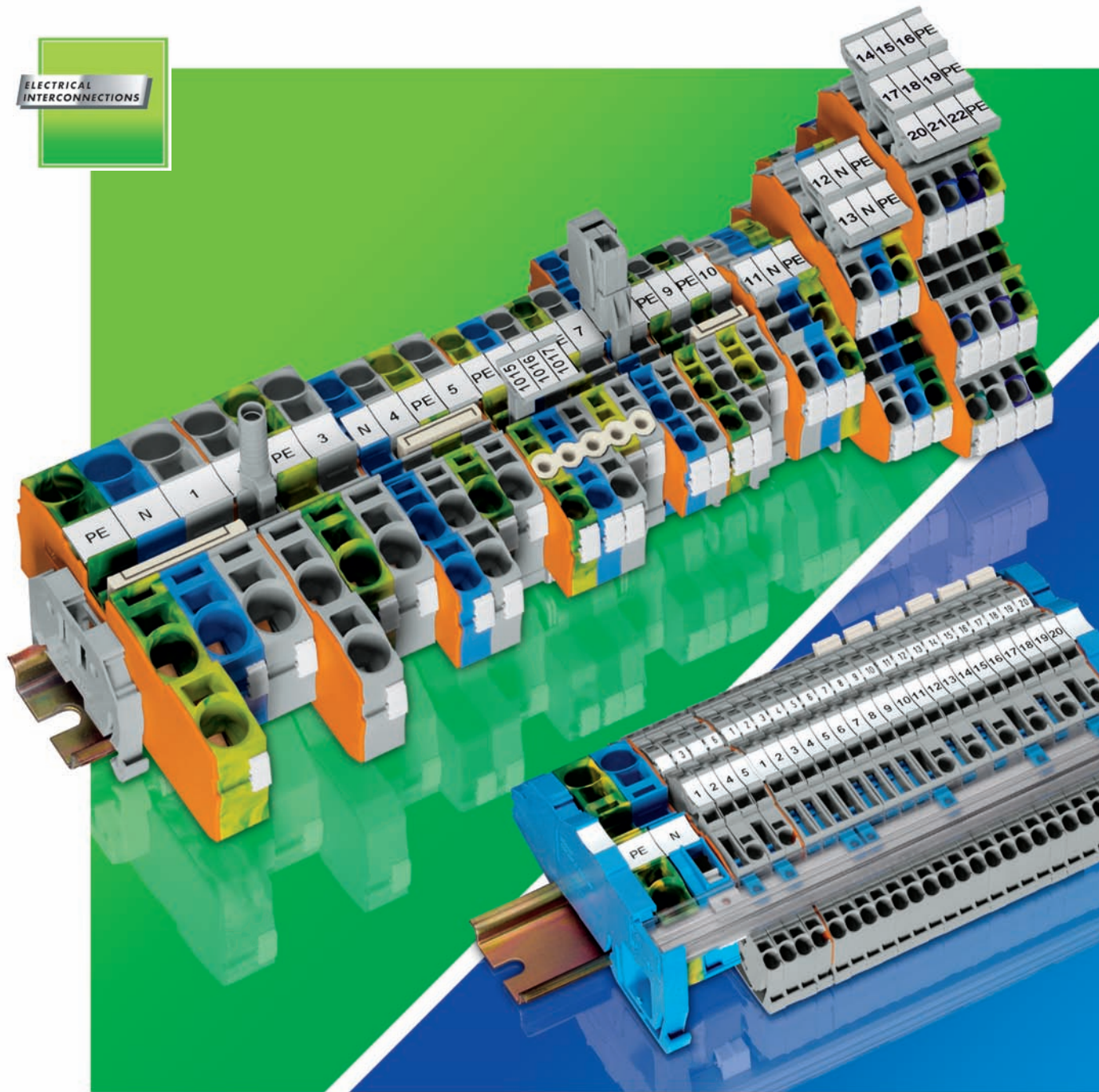


ELECTRICAL
INTERCONNECTIONS



[TOPJOB[®]S]



- **The** range of rail-mounted terminal blocks for a perfect electrical installation.

WAGO[®]
INNOVATIVE CONNECTIONS

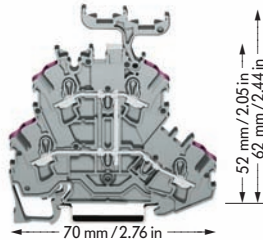
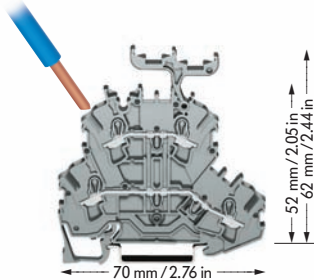
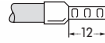
TOPJOB® S

Double Deck Terminal Blocks 2.5 (4) mm² / AWG 12

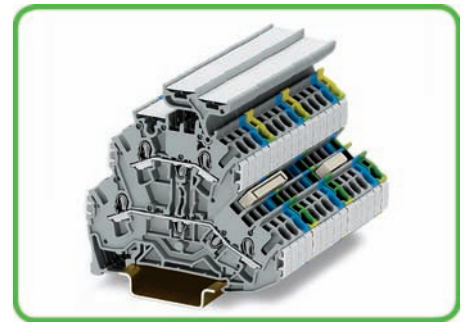
Series 2002

0.25 – 2.5 (4) mm² ① AWG 22 – 12 500 V/6 kV/3 24 A Terminal block width 5.2 mm / 0.205 in  10 – 12 mm / 0.43 in	0.25 – 2.5 (4) mm² ① AWG 22 – 12 500 V/6 kV/3 24 A Terminal block width 5.2 / 0.205 in  10 – 12 mm / 0.43 in
--	--

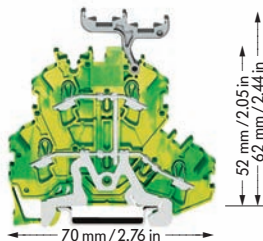
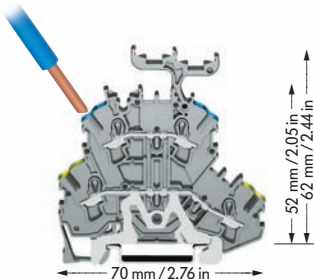
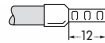
① can be connected: 0.25 mm² – 4 mm² "s + f-st";
 can be pushed in directly: 0.75 mm² – 4 mm² "s" and
 0.75 mm² – 2.5 mm² "insulated ferrule, 12 mm"



Item No.	Item No.	Pack.-unit pcs	Item No.	Item No.	Pack.-unit pcs
Double deck terminal blocks, for DIN 35 rail			Double deck terminal blocks, for DIN 35 rail		
Through-/through terminal blocks,			4-conductor through terminal block, internal commoning,		
housing color grey			housing color grey, conductor entry position colored in violet		
Marking carrier with		without	Marking carrier with		without
L/L	2002-2231	2002-2201 50	L	2002-2238	2002-2208 50
N/L	2002-2232	2002-2202 50	4-conductor through terminal block,		
L/N	2002-2233	2002-2203 50	internal commoning, housing color blue,		
Housing color blue			conductor entry position colored in violet		
N/N	2002-2234 ②	2002-2204 ② 50	N	2002-2239 ②	2002-2209 ② 50
⊗ applications are being prepared			⊗ applications are being prepared		
② Suitable for Ex i applications			② Suitable for Ex i applications		









① can be connected: 0.25 mm² – 4 mm² "s + f-st";
 can be pushed in directly: 0.75 mm² – 4 mm² "s" and
 0.75 mm² – 2.5 mm² "insulated ferrule, 12 mm"



Item No.	Item No.	Pack.-unit pcs	Item No.	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
Double deck terminal blocks, for DIN 35 rail			Double deck terminal blocks, for DIN 35 rail				
Ground (earth) conductor/through terminal block,			4-conductor ground (earth) terminal block,				
Housing color grey			internal commoning				
Housing color green-yellow			Housing color green-yellow				
Marking carrier with		without	Marking carrier with		without		
PE/N	2002-2247	2002-2217 50	PE	2002-2237	2002-2207 50		
PE/L	2002-2257	2002-2227 50					
⊗ applications are being prepared			⊗ applications are being prepared				



Accessories

Appropriate marking system **WMB/marker strips/WMB Inline** (see page 38 to 39)

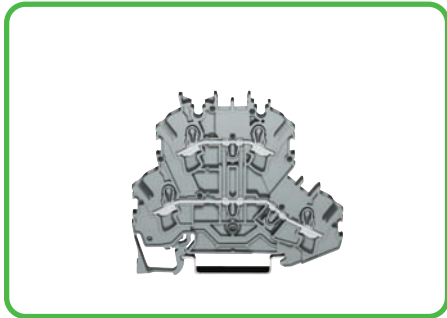
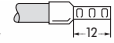
End and intermediate plate, 0.8 mm/0.032 in thick  orange 2002-2292 100 (4 x 25) grey 2002-2291 100 (4 x 25)	Two-way marking adapter,  pivotable 2002-121 50 (4 x 25)	Protective warning marker, with high voltage symbol, for 5 terminal blocks  yellow 2002-115 100 (4 x 25)
Push-in type jumper bars, light grey, insulated, I_N  2-way 2002-402 200 (8 x 25) 3-way 2002-403 200 (8 x 25) 4-way 2002-404 200 (8 x 25) 5-way 2002-405 100 (4 x 25) : : 10-way 2002-410 100 (4 x 25)	Push-in type jumper bars, light grey, insulated, I_N  1 - 3 2002-433 200 (8 x 25) 1 - 4 2002-434 200 (8 x 25) 1 - 5 2002-435 100 (4 x 25) : : 1 - 10 2002-440 100 (4 x 25)	Marker strips, white, plain, for central marking, 11 mm/0.433 in wide,  on roll 50 m 2009-110 1 300 m 2009-130 1 Insulation stop, see page 17

* For further approvals with corresponding ratings see page 49.

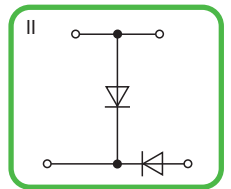
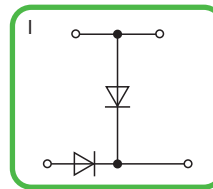
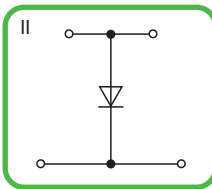
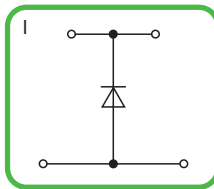
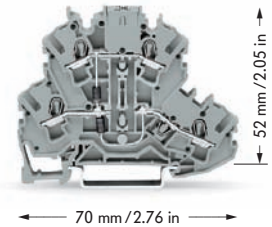
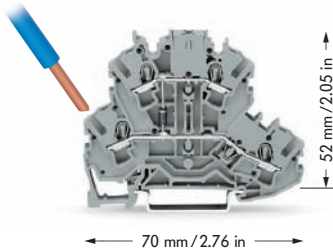
Double Deck Diode Terminal Blocks / Double Deck LED Terminal Blocks
2.5 mm²/4 mm² / AWG 12, Series 2002

<p>0.25 – 2.5 (4) mm² ① AWG 22 – 12 U_N 250 V; U_{RM} 1000 V 1 N 4007 – 0.5 A continuous current</p> <p>Terminal block width 5.2 mm / 0.205 in  10 – 12 mm / 0.43 in</p>	<p>0.25 – 2.5 (4) mm² ① AWG 22 – 12 U_N 250 V; U_{RM} 1000 V 1 N 4007 – 0.5 A continuous current</p> <p>Terminal block width 5.2 mm / 0.205 in  10 – 12 mm / 0.43 in</p>
---	---

① can be connected: 0.25 mm² – 4 mm² "s+f-st";
can be pushed in directly: 0.75 mm² – 4 mm² "s" and
0.75 mm² – 2.5 mm² "insulated ferrule, 12 mm"







Through terminal blocks with the same shape see page 26



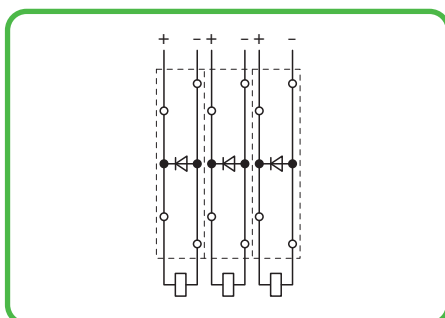
Description	Item No.	Pack. unit pcs	Item No.	Pack. unit pcs
Double deck diode terminal block and double deck LED terminal block, for DIN 35 rail	Double deck diode terminal blocks with diode 1 N 4007		Double deck diode terminal blocks with 2 diodes 1 N 4007	
	Circuit I, grey	2002-2211/1000-0410 50	Circuit I, grey	2002-2214/1000-0492 50
	Circuit II, grey	2002-2211/1000-0411 50	Circuit II, grey	2002-2214/1000-0491 50

Accessories

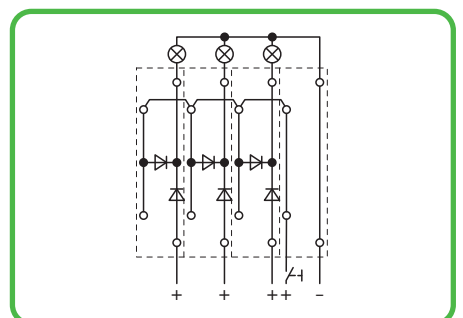
Appropriate marking system **WMB/WMB Inline** (see pages 38 to 39)

	End and intermediate plate	0.8 mm / 0.031 in thick		0.8 mm / 0.031 in thick	
	orange	2002-2292 100 (4 x 25)	orange	2002-2292 100 (4 x 25)	
	grey	2002-2291 100 (4 x 25)	grey	2002-2291 100 (4 x 25)	
	Push-in type jumper bars, light grey, insulated, I _N 25 A	2-way 2002-402 200 (8 x 25)	2-way 2002-402 200 (8 x 25)	2-way 2002-402 200 (8 x 25)	
		3-way 2002-403 200 (8 x 25)	3-way 2002-403 200 (8 x 25)	3-way 2002-403 200 (8 x 25)	
		4-way 2002-404 200 (8 x 25)	4-way 2002-404 200 (8 x 25)	4-way 2002-404 200 (8 x 25)	
		5-way 2002-405 100 (4 x 25)	5-way 2002-405 100 (4 x 25)	5-way 2002-405 100 (4 x 25)	
		:	:	:	:
		10-way 2002-410 100 (4 x 25)	10-way 2002-410 100 (4 x 25)	10-way 2002-410 100 (4 x 25)	
	Push-in type jumper bars, light grey, insulated, I _N 25 A	1 - 3 2002-433 200 (8 x 25)	1 - 3 2002-433 200 (8 x 25)	1 - 3 2002-433 200 (8 x 25)	
		1 - 4 2002-434 200 (8 x 25)	1 - 4 2002-434 200 (8 x 25)	1 - 4 2002-434 200 (8 x 25)	
		1 - 5 2002-435 100 (4 x 25)	1 - 5 2002-435 100 (4 x 25)	1 - 5 2002-435 100 (4 x 25)	
		:	:	:	:
		1 - 10 2002-440 100 (4 x 25)	1 - 10 2002-440 100 (4 x 25)	1 - 10 2002-440 100 (4 x 25)	
	Two-way marking adapter, pivotable	2002-121 50 (2 x 25)	2002-121 50 (2 x 25)	2002-121 50 (2 x 25)	

Examples of circuit configuration

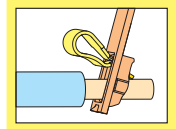


Used as recovery diodes

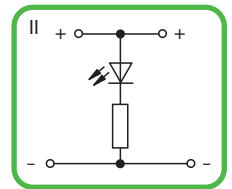
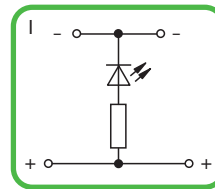
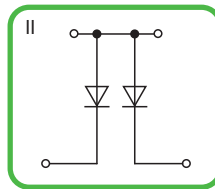
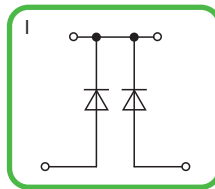
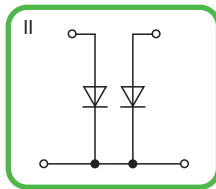
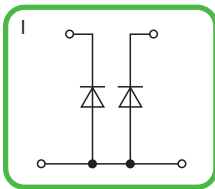
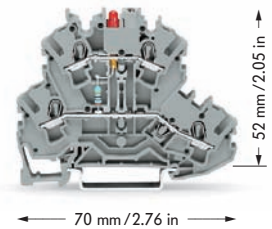
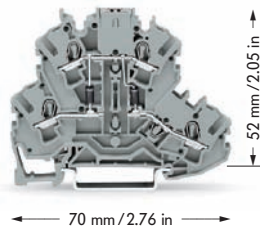
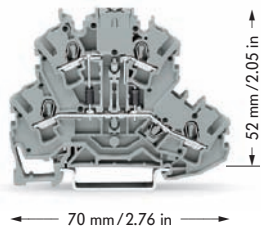


Used in lamp test circuit

available
July 2006



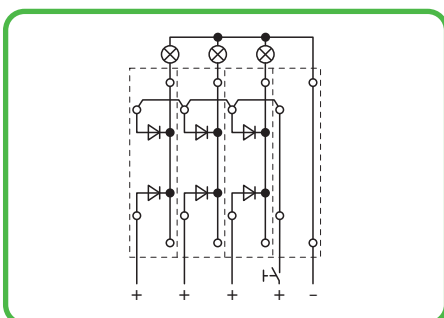
<p>0.25 – 2.5 (4) mm² ① AWG 22 – 12 U_N 250 V; U_{RM} 1000 V 1 N 4007 – 0.5 A continuous current</p> <p>Terminal block width 5.2 mm / 0.205 in 10 – 12 mm / 0.43 in</p>	<p>0.25 – 2.5 (4) mm² ① AWG 22 – 12 U_N 250 V; U_{RM} 1000 V 1 N 4007 – 0.5 A continuous current</p> <p>Terminal block width 5.2 mm / 0.205 in 10 – 12 mm / 0.43 in</p>	<p>0.25 – 2.5 (4) mm² ① AWG 22 – 12 DC 24 V I_f 25 mA max.</p> <p>Terminal block width 5.2 mm / 0.205 in 10 – 12 mm / 0.43 in</p>
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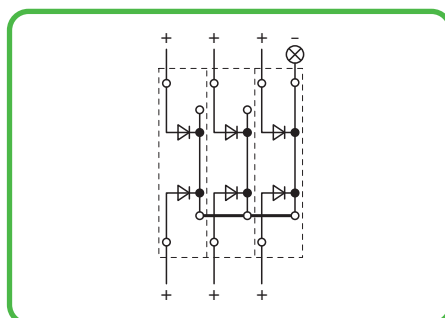
Item No.	Pack. unit pcs	Item No.	Pack. unit pcs	Item No.	Pack. unit pcs
Double deck diode terminal blocks with 2 diodes 1 N 4007		Double deck diode terminal blocks with 2 diodes 1 N 4007		Double deck LED terminal blocks with red LED, DC 24 V	
Circuit I, grey	2002-2213/1000-0487 50	Circuit I, grey	2002-2214/1000-0489 50	Circuit I, grey	2002-2221/1000-0434 50
Circuit II, grey	2002-2213/1000-0488 50	Circuit II, grey	2002-2214/1000-0490 50	Circuit II, grey	2002-2221/1000-0413 50

Appropriate marking system **WMB/WMB Inline** (see pages 38 to 39)

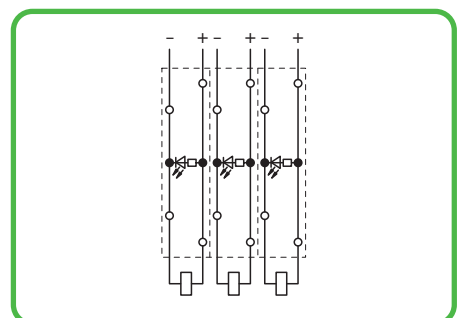
0.8 mm / 0.031 in thick			0.8 mm / 0.031 in thick			0.8 mm / 0.031 in thick		
orange	2002-2292	100 (4 x 25)	orange	2002-2292	100 (4 x 25)	orange	2002-2292	100 (4 x 25)
grey	2002-2291	100 (4 x 25)	grey	2002-2291	100 (4 x 25)	grey	2002-2291	100 (4 x 25)
2-way	2002-402	200 (8 x 25)	2-way	2002-402	200 (8 x 25)	2-way	2002-402	200 (8 x 25)
3-way	2002-403	200 (8 x 25)	3-way	2002-403	200 (8 x 25)	3-way	2002-403	200 (8 x 25)
4-way	2002-404	200 (8 x 25)	4-way	2002-404	200 (8 x 25)	4-way	2002-404	200 (8 x 25)
5-way	2002-405	100 (4 x 25)	5-way	2002-405	100 (4 x 25)	5-way	2002-405	100 (4 x 25)
:	:		:	:		:	:	
10-way	2002-410	100 (4 x 25)	10-way	2002-410	100 (4 x 25)	10-way	2002-410	100 (4 x 25)
1 - 3	2002-433	200 (8 x 25)	1 - 3	2002-433	200 (8 x 25)	1 - 3	2002-433	200 (8 x 25)
1 - 4	2002-434	200 (8 x 25)	1 - 4	2002-434	200 (8 x 25)	1 - 4	2002-434	200 (8 x 25)
1 - 5	2002-435	100 (4 x 25)	1 - 5	2002-435	100 (4 x 25)	1 - 5	2002-435	100 (4 x 25)
:	:		:	:		:	:	
1 - 10	2002-440	100 (4 x 25)	1 - 10	2002-440	100 (4 x 25)	1 - 10	2002-440	100 (4 x 25)
	2002-121	50 (2 x 25)		2002-121	50 (2 x 25)		2002-121	50 (2 x 25)



Used in lamp test circuit



Used for collective fault indication



Used for voltage indication