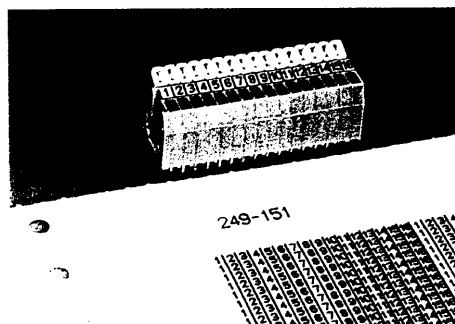
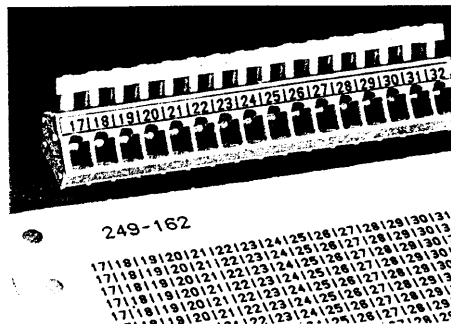


Computerized marking accessories

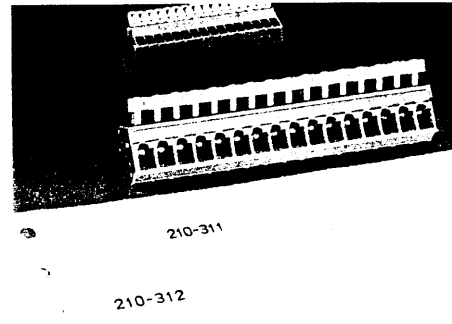
WAGO adhesive marker strips, computer marked, pitch 0-098 in (2.5 mm) and 0-1 in (2.54 mm) 20 strips per card

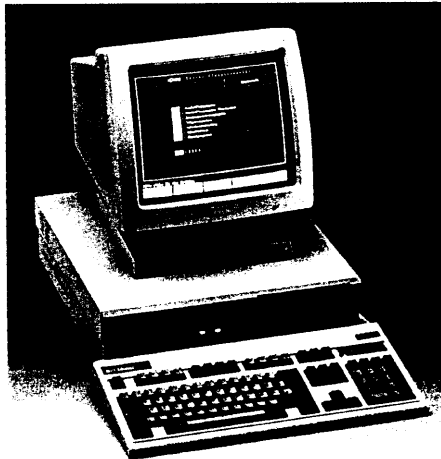


WAGO adhesive marker strips, computer marked, pitch 0-2 in (5/5.08 mm), 0-3 in (7.5/7.62 in), 0-4 in (10/10.16 mm) 20 strips per card



WAGO adhesive marker strips, plain, for self-marking by computer with WAGO software



Marking	Item-no.	Pack.-unit pcs.	Marking	Item-no.	Pack.-unit pcs.	Marking	Item-no.	Pack.-unit pcs.																																																																																																																																																																								
suitable for terminal block strips with pitch 0-098 in (2.5 mm)			suitable for terminal block strips with 0-196 in (5 mm)			suitable for terminal block strips with pitches 0-098 in (2.5 mm) and 0-1 in (2.54 in)																																																																																																																																																																										
1 - 16 (60x)	249-151	1 card	1 - 16 (40x)	249-161	1 card	plain	210-311	1 card																																																																																																																																																																								
17 - 32 (60x)	249-152	1 card	17 - 32 (40x)	249-162	1 card	Pitch 0-196 in (5 mm) to 0-4 in (10,16 mm)																																																																																																																																																																										
33 - 48 (60x)	249-153	1 card	33 - 48 (40x)	249-163	1 arte	plain	210-312	1 card																																																																																																																																																																								
																																																																																																																																																																																
1 - 48 (20x)	249-154	1 card	1 - 32 (20x)	249-164	1 card																																																																																																																																																																											
Pitch 0-1 in (2.54 mm)			Pitch 0-2 in (5.08 mm)																																																																																																																																																																													
1 - 16 (60x)	249-156	1 card	1 - 16 (40x)	249-166	1 card																																																																																																																																																																											
17 - 32 (60x)	249-157	1 card	17 - 32 (40x)	249-167	1 card																																																																																																																																																																											
33 - 48 (60x)	249-158	1 card	33 - 48 (40x)	249-168	1 card																																																																																																																																																																											
1 - 48 (20x)	249-159	1 card	1 - 32 (20x)	249-169	1 card																																																																																																																																																																											
			Pitch 0-295 in (7.5 mm)			WAGO standard marking software																																																																																																																																																																										
			1 - 20 (20x) 249-171		1 card	program diskette	5 1/4" 3 1/2"																																																																																																																																																																									
			Pitch 0-3 in (7.62 mm)			English	258-112	258-205																																																																																																																																																																								
			1 - 20 (20x) 249-173		1 card	Standard operating manual																																																																																																																																																																										
			Pitch 0-393 in (10 mm)			English	258-202																																																																																																																																																																									
			1 - 8 (40x) 249-175		1 card																																																																																																																																																																											
			Pitch 0-4 in (10.16 mm)																																																																																																																																																																													
			1 - 8 (40x) 249-177		1 card																																																																																																																																																																											
			<table><tr><td>+15V</td><td>0V</td><td>-15V</td><td>~</td><td>~</td><td>+15V</td><td>0V</td><td>-15V</td></tr><tr><td>+15V</td><td>0V</td><td>-15V</td><td>~</td><td>~</td><td>+15V</td><td>0V</td><td>-15V</td></tr><tr><td>+15V</td><td>0V</td><td>-15V</td><td>~</td><td>~</td><td>+15V</td><td>0V</td><td>-15V</td></tr><tr><td>+15V</td><td>0V</td><td>-15V</td><td>~</td><td>~</td><td>+15V</td><td>0V</td><td>-15V</td></tr><tr><td>+15V</td><td>0V</td><td>-15V</td><td>~</td><td>~</td><td>+15V</td><td>0V</td><td>-15V</td></tr><tr><td>+15V</td><td>0V</td><td>-15V</td><td>~</td><td>~</td><td>+15V</td><td>0V</td><td>-15V</td></tr><tr><td>+15V</td><td>0V</td><td>-15V</td><td>~</td><td>~</td><td>+15V</td><td>0V</td><td>-15V</td></tr><tr><td>+15V</td><td>0V</td><td>-15V</td><td>~</td><td>~</td><td>+15V</td><td>0V</td><td>-15V</td></tr><tr><td>+15V</td><td>0V</td><td>-15V</td><td>~</td><td>~</td><td>+15V</td><td>0V</td><td>-15V</td></tr><tr><td>+15V</td><td>0V</td><td>-15V</td><td>~</td><td>~</td><td>+15V</td><td>0V</td><td>-15V</td></tr><tr><td>+15V</td><td>0V</td><td>-15V</td><td>~</td><td>~</td><td>+15V</td><td>0V</td><td>-15V</td></tr><tr><td>+15V</td><td>0V</td><td>-15V</td><td>~</td><td>~</td><td>+15V</td><td>0V</td><td>-15V</td></tr><tr><td>+15V</td><td>0V</td><td>-15V</td><td>~</td><td>~</td><td>+15V</td><td>0V</td><td>-15V</td></tr><tr><td>+15V</td><td>0V</td><td>-15V</td><td>~</td><td>~</td><td>+15V</td><td>0V</td><td>-15V</td></tr><tr><td>+15V</td><td>0V</td><td>-15V</td><td>~</td><td>~</td><td>+15V</td><td>0V</td><td>-15V</td></tr><tr><td>+15V</td><td>0V</td><td>-15V</td><td>~</td><td>~</td><td>+15V</td><td>0V</td><td>-15V</td></tr><tr><td>+15V</td><td>0V</td><td>-15V</td><td>~</td><td>~</td><td>+15V</td><td>0V</td><td>-15V</td></tr><tr><td>+15V</td><td>0V</td><td>-15V</td><td>~</td><td>~</td><td>+15V</td><td>0V</td><td>-15V</td></tr><tr><td>+15V</td><td>0V</td><td>-15V</td><td>~</td><td>~</td><td>+15V</td><td>0V</td><td>-15V</td></tr><tr><td>+15V</td><td>0V</td><td>-15V</td><td>~</td><td>~</td><td>+15V</td><td>0V</td><td>-15V</td></tr><tr><td>+15V</td><td>0V</td><td>-15V</td><td>~</td><td>~</td><td>+15V</td><td>0V</td><td>-15V</td></tr></table>			+15V	0V	-15V	~	~	+15V	0V	-15V	+15V	0V	-15V	~	~	+15V	0V	-15V	+15V	0V	-15V	~	~	+15V	0V	-15V	+15V	0V	-15V	~	~	+15V	0V	-15V	+15V	0V	-15V	~	~	+15V	0V	-15V	+15V	0V	-15V	~	~	+15V	0V	-15V	+15V	0V	-15V	~	~	+15V	0V	-15V	+15V	0V	-15V	~	~	+15V	0V	-15V	+15V	0V	-15V	~	~	+15V	0V	-15V	+15V	0V	-15V	~	~	+15V	0V	-15V	+15V	0V	-15V	~	~	+15V	0V	-15V	+15V	0V	-15V	~	~	+15V	0V	-15V	+15V	0V	-15V	~	~	+15V	0V	-15V	+15V	0V	-15V	~	~	+15V	0V	-15V	+15V	0V	-15V	~	~	+15V	0V	-15V	+15V	0V	-15V	~	~	+15V	0V	-15V	+15V	0V	-15V	~	~	+15V	0V	-15V	+15V	0V	-15V	~	~	+15V	0V	-15V	+15V	0V	-15V	~	~	+15V	0V	-15V	+15V	0V	-15V	~	~	+15V	0V	-15V	+15V	0V	-15V	~	~	+15V	0V	-15V			
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Further markings also with different pitches, (e.g. 0-196 in (5 mm) and 0-393 in (10 mm) mixed) upon request.						Specification for customer hardware: 24 dot matrix printer																																																																																																																																																																										
						For more information concerning computer marking see leaflet NP 13																																																																																																																																																																										

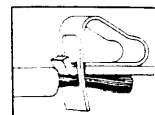
Further markings also with different pitches, (e.g. 0-196 in (5 mm) and 0-393 in (10 mm) mixed) upon request.

Specification for customer hardware:
24 dot matrix printer

For more information concerning computer marking
see leaflet NP 13

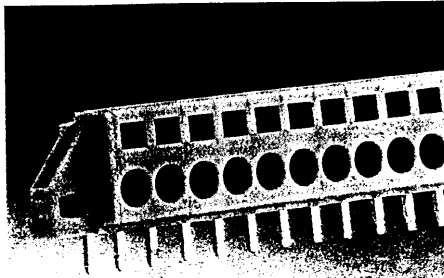
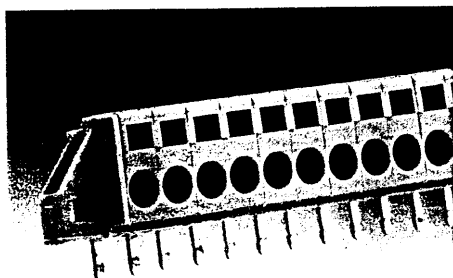
Feedthrough terminal block strips with cage-clamp spring Pitch 0.196 in (5 mm) grey and 0.2 in (5.08 mm) orange

WAGO Front-entry



AWG 26 – 14
250 V
0,08 mm² – 2,5 mm²
380 V~, Gr. B; 250 V~, Gr. C
16 A
Right angle pin 0-039 x 0-047 in (1 x 1.2 mm)
Pitch 0.196 in (5 mm)
Stripped length 0.35 in (8 – 9 mm)

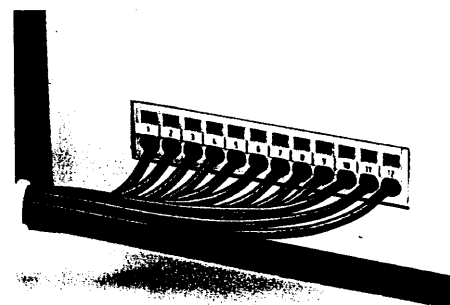
AWG 26 – 14
250 V
0,08 mm² – 2,5 mm²
380 V~, Gr. B; 250 V~, Gr. C
16 A
Right angle pin 0-039 x 0-047 in (1 x 1.2 mm)
Pitch 0.2 in (5.08 mm)
Stripped length 0.35 in (8 – 9 mm)



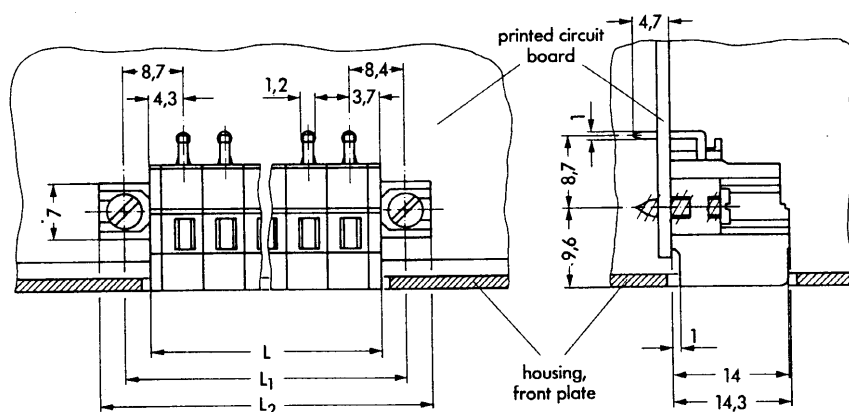
No. of poles	Item-No.	Pack.-unit pcs.	No. of poles	Item-No.	Pack.-unit pcs.
1-conductor feedthrough terminal block strips for printed circuit boards, grey, with fixing elements			1-conductor feedthrough terminal block strips for printed circuit boards, orange, w. fixing elements		
2	231-602/017-000		2	231-632/017-000	
3	231-603/017-000		3	231-633/017-000	
4	231-604/017-000		4	231-634/017-000	
5	231-605/017-000		5	231-635/017-000	
6	231-606/017-000		6	231-636/017-000	
7	231-607/017-000		7	231-637/017-000	
8	231-608/017-000		8	231-638/017-000	
9	231-609/017-000		9	231-639/017-000	
10	231-610/017-000		10	231-640/017-000	
11	231-611/017-000		11	231-641/017-000	
12	231-612/017-000		12	231-642/017-000	
Accessories (for marking accessories please see pages 38 – 39)					
Tapping screw, B 2.2 x 9.5, fixing hole diameter 1.8 mm 209-147			Tapping screw, B 2.2 x 9.5, fixing hole diameter Ø 1.8 mm 209-147		
200 (2 x 100)			200 (2 x 100)		
Dimensions (in mm)					



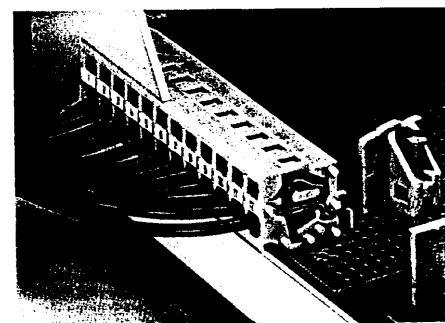
Feedthrough terminal block strip f. printed circuit boards
Connection of conductors – front entry



Feedthrough terminal block strip f. printed circuit boards
for external conductor connection ...



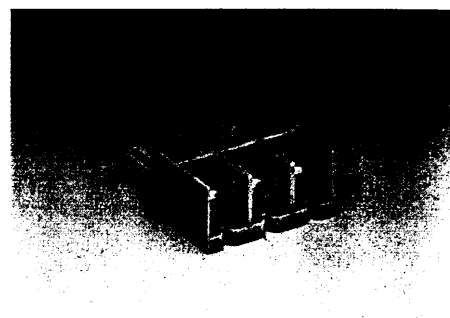
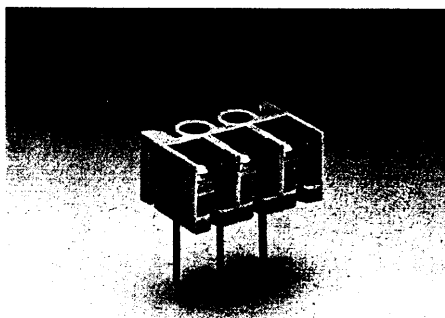
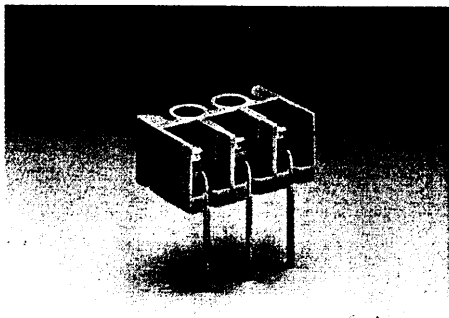
L = No. of poles x pitch + 3 mm; L₁ = L + 5.8 mm; L₂ = L₁ + 6.4 mm; diameter of drilled holes: 1.8^{+0.1} mm



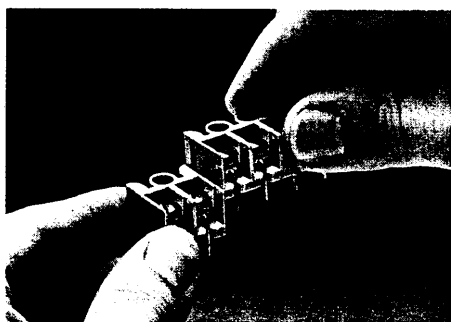
... with fixing flanges for mounting to the printed
circuit board or the front panel.

Modular terminal blocks with screw-clamp contact Pitch 0-392 in (10 mm)

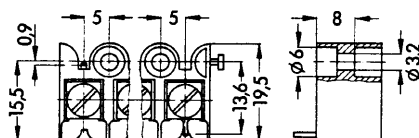
2 x AWG 18 – 14 Pitch 0-392 in 300 V, 10 A 300 V, 10 A Stripped length 0-275 in (6 – 8 mm)	2 x 0.75 – 2.5 mm² 10 mm 500 V~, Gr. B/380 V~,Gr.C 16 A	2 x AWG 18 – 14 Pitch 0-392 in 300 V, 10 A 300 V, 10 A Stripped length 0-275 in (6 – 8 mm)	2 x 0.75 – 2.5 mm² 10 mm 500 V~, Gr. B/380 V~,Gr.C 16 A	2 x AWG 18 – 14 Pitch 0-392 in 300 V, 10 A 300 V, 10 A Stripped length 0-275 in (6 – 8 mm)	2 x 0.75 – 2.5 mm² 10 mm 500 V~, Gr. B/380 V~,Gr.C 16 A
* VDE-test report		* VDE-test report		* VDE-test report	



No. of poles	Item-No.	Pack.-unit pcs.	No. of poles	Item-No.	Pack.-unit pcs.	No. of poles	Item-No.	Pack.-unit pcs.
Modular terminal blocks, grey			Modular terminal blocks, grey			Modular terminal blocks, grey		
Front solder pins, right-angle, 0-177 in (4.5 mm) long			Rear solder pins, right-angle, 0-59 in (15 mm) long					
2	239-312	200	2	239-302	200			
3	239-113	100	3	239-103	100			
4	239-114	100	4	239-104	100			
Front solder pins, right-angle, 0-177 in (15 mm) long			Rear solder pins, right-angle, 0-59 in (15 mm) long			Rear solder pins, horizontal, 0-59 in (15 mm) long		
2	239-332	200	2	239-322	200	2	239-342	200
3	239-133	100	3	239-123	100	3	239-143	100
4	239-134	100	4	239-124	100	4	239-144	100



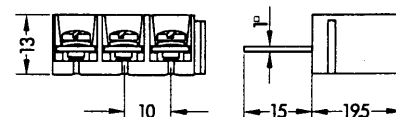
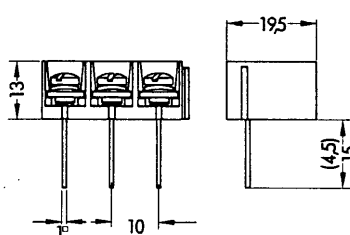
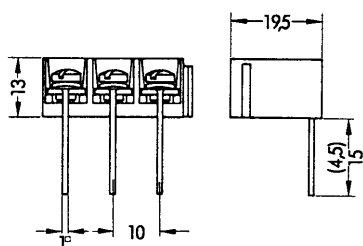
Assembling of modular terminal blocks



Dimensions of fixing holes

Dimensions (in mm)

Drill hole diameter for solder pins: $1.7^{+0.1}$

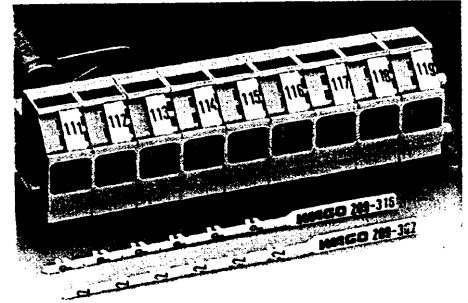
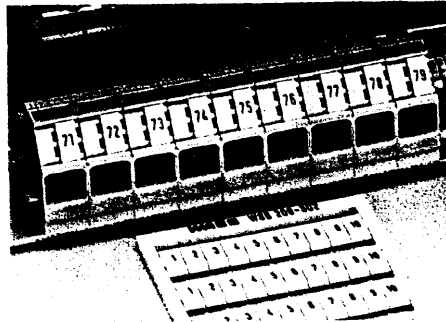
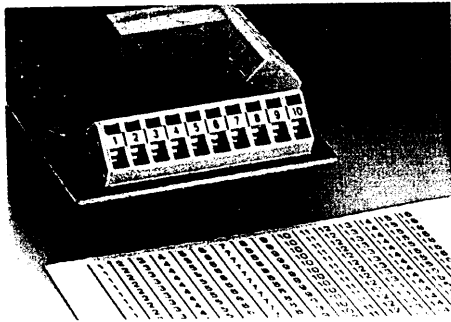


Marking accessories for PCB terminal blocks

WAGO self-adhesive marker strips

WAGO WSB marker cards,
10 strips at 10 markers each per card,
suitable for PCB terminal blocks
of series 227 and 228.

WAGO marker branches,
10 markers per branch,
suitable for PCB terminal blocks
of series 227 und 228.



Marking	Item-No.	Pack.-unit pcs.	Marking	Item-No.	Pack.-unit pcs.	Marking	Item-No.	Pack.-unit pcs.
for pitch 1/4 in (6.35 mm), 10 strips per card			plain	209-501	5 cards	plain	209-300	10 branches
plain	210-231	1 card	1 ... 10	209-502	5 cards	1	209-301	10 branches
1 - 8 (2x)*	210-232	1 card	11 ... 20	209-503	5 cards	2	209-302	10 branches
9 - 16 (2x)*	210-233	1 card	21 ... 30	209-504	5 cards	3	209-303	10 branches
17 - 24 (2x)*	210-234	1 card	31 ... 40	209-505	5 cards	4	209-304	10 branches
for pitch 3/8 in (9.52 mm), 10 strips per card			41 ... 50	209-506	5 cards	5	209-305	10 branches
plain	236-810	1 card	51 ... 60	209-569	5 cards	6	209-306	10 branches
1 - 8	236-801	1 card	61 ... 70	209-570	5 cards	7	209-307	10 branches
9 - 16	236-802	1 card	71 ... 80	209-571	5 cards	8	209-308	10 branches
17 - 24	236-803	1 card	81 ... 90	209-572	5 cards	9	209-309	10 branches
for pitch 7/16 in (11.1 mm), 10 strips per card			91 ... 100	209-573	5 cards	0	209-310	10 branches
plain	210-201	1 card	Ink pen, for durable marking of plain WSB marker cards and self-adhesive marker strips, (black)			A	209-323	10 branches
1 - 8 (2x)*	210-202	1 card				B	209-324	10 branches
9 - 16 (2x)*	210-203	1 card	210-110	1		C	209-325	10 branches
17 - 24 (2x)*	210-204	1 card				D	209-326	10 branches
* Multiple marking per strip						E	209-311	10 branches
						F	209-312	10 branches
						G	209-313	10 branches
						H	209-327	10 branches
						I	209-328	10 branches
						J	209-329	10 branches
						K	209-330	10 branches
						L	209-314	10 branches
						M	209-331	10 branches
						N	209-315	10 branches
						O	209-332	10 branches
						P	209-316	10 branches
						Q	209-333	10 branches
						R	209-334	10 branches
						S	209-335	10 branches
						T	209-336	10 branches
						U	209-317	10 branches
						V	209-318	10 branches
						W	209-319	10 branches
						X	209-320	10 branches
						Y	209-321	10 branches
						Z	209-322	10 branches
			In case of terminal strips acc. to customer's specification marking is also possible by direct printing of the terminal block strips. Please ask for our offer.					