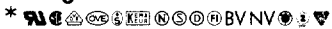
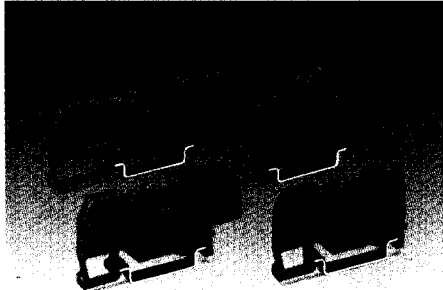
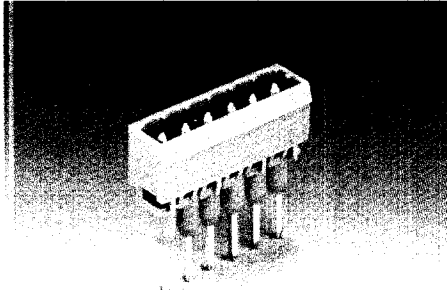


# 5 Headers for Front-Entry Rail-mounted Terminal Blocks, Pin Spacing 5 mm / 0.197 in, grey

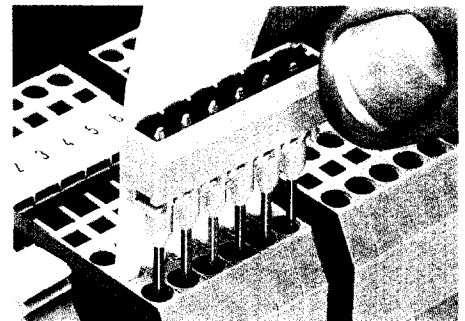
32

<p><b>Straight contact pin 1.2 x 1.2 mm</b>  <b>Pin spacing 5 mm / 0.197 in, grey</b>  <b>250 V/4 kV/3 ①</b>   <b>300 V, 15 A ②</b>  <b>50 V- ②</b>   <b>300 V, 15 A ③</b>  <b>16 A ③/14 A ④</b>  <b>Mating direction vertical</b>          * </p>	<p><b>Rail-mounted spacer blocks</b>  <b>Thickness 5 mm / 0.197 in, orange</b></p>
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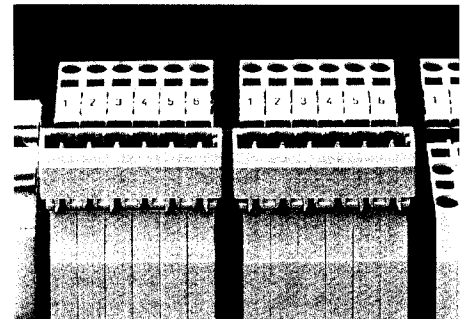
No. of poles	Item-No.	Item-No.
<p><b>Closed end headers, grey,</b> with long contact pins, 1.2 x 1.2 mm</p>		<p><b>same shape as through terminal blocks, flat type</b></p>
2	231-162/003-000	2-conductor <b>280-902/056-000</b>
3	231-163/003-000	3-conductor <b>280-650/056-000</b>
4	231-164/003-000	4-conductor <b>280-835/056-000</b>
5	231-165/003-000	<b>angled type</b>
6	231-166/003-000	3/4-conductor <b>280-654/056-000</b>
7	231-167/003-000	
8	231-168/003-000	
9	231-169/003-000	
10	231-170/003-000	
12 ⑤	231-172/003-000	
16 ⑤	231-176/003-000	
20 ⑤	231-180/003-000	

- ① Voltage rating when power is supplied via connector side
- ② Voltage rating when power is taken from the terminal block side (single conductors)
- ③ with straight female connectors with CAGE CLAMP
- ④ with angled female connectors with CAGE CLAMP
- ⑤ only suitable for factory installation



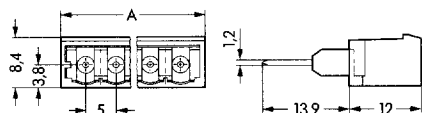
Insertion of header

Accessories	
 <p><b>Coding key, snap-on type,</b> light grey <b>231-129</b></p>	
 <p><b>Operating tool,</b> for insertion of headers into front-entry rail-mounted terminal blocks</p>	
2	<b>280-432</b>
3	<b>280-433</b>
4	<b>280-434</b>
5	<b>280-435</b>
6	<b>280-436</b>
7	<b>280-437</b>
8	<b>280-438</b>
9	<b>280-439</b>
10	<b>280-440</b>

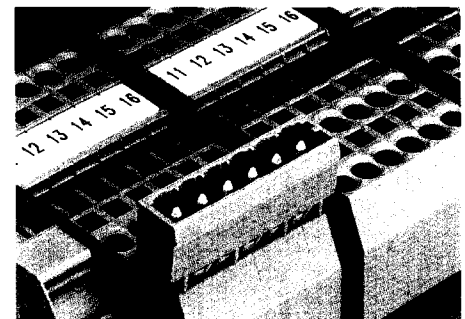


The extra width of the headers when used on front-entry rail-mounted terminal blocks must be compensated either by two intermediate plates or...

## Dimensions (in mm)



**Note:** These connectors can only be mated and unmated at voltages below 42 V and in the "No load" condition.  
**For mating and unmating at low power values, please request data.**



... by a rail-mounted spacer block, when building the assembly.

When the header pin side is used to **supply** power, the pins are not touchproof and voltage must not exceed 50 V.

$A = (\text{No. of poles} \times \text{pin spacing}) + 3.2 \text{ mm}$

\* For international approvals (with corresponding ratings) see pages 10.3 - 10.38.