

Data Sheet

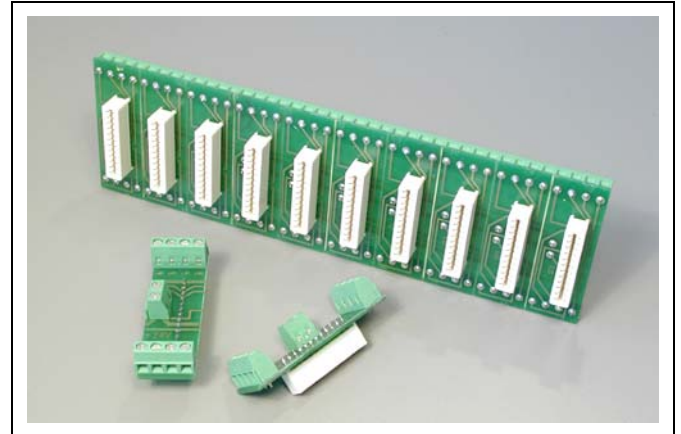
Terminal Screw Adapter

Codicount types 805, 806, 815, 816 and 845 (in 24 V logic)

The screwing clamp adapter is used for an easy and solder less connection of **Codicount** modules of the types 805, 806, 815, 816 and 845 in 24 V logic.

The adapter consists of at most 10 individual segments whose BCD inputs and power supply lines are connected to all modules in parallel.

Breaking off single segments at the predetermined breaking lines permits to customise the adapter to the desired number of display modules.



Technical Data Connectors

Number of contacts	12
PCB thickness	0.8 ± 0.1 mm
Pitch spacing	2.54 mm
Max. current per contact	1 ADC / 1 AAC
Max. voltage	42 V _{DC} / 42 V _{AC}
Test voltage	1000 V
Transition resistance	< 15 mΩ
Insulation resistance	10 ⁶ mΩ
Ambient temperature	-60°...+100°C
Insertion force	17 N
Extraction force	12 N
Color of housing	white
RoHS compliant	yes

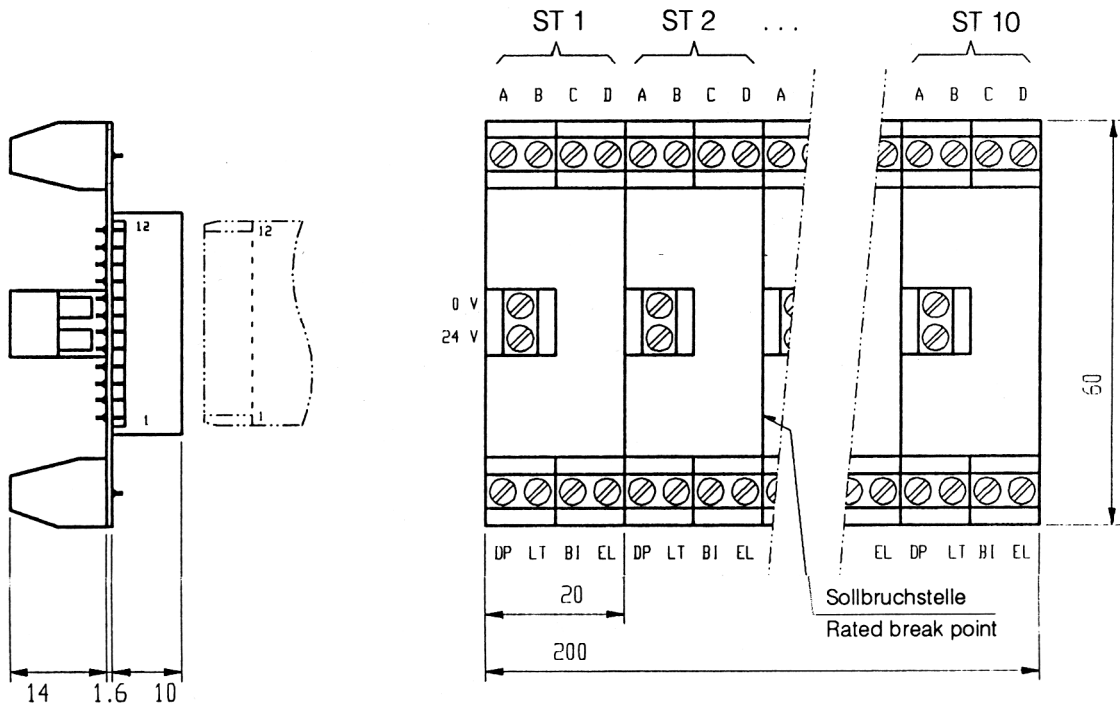
Connection schematic Codicount

Input		Function
Clamp	Connector	
A	10	2 ⁰ BCD-Input
B	3	2 ¹ BCD- Input
C	5	2 ² BCD- Input
D	9	2 ³ BCD- Input
0 V	11/12	0 V GND
+24 V	4	+24 V
DP	2	Decimal Point
LT	6	Lamp Test
BI	7	Blanking Input
EL	8	Enable Latch

Order Numbers

ST 1*	single Terminal screw adapter
ST10*	tenfold Terminal screw adapter

Dimensions



Connection diagram

