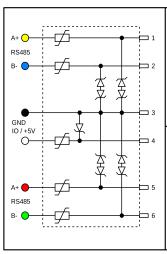
Clips Adapter for MSB-RS485-Plus and ISO485-Box with extended input/output overload protection				
Clip to connector pin assignment				
olor	MSB-left	MSB-right	ISO485	Pin
ellow	A1+	A3+	TD+	1 (left)
lue	B1-	B3-	TD-	2
lack	Ground	Ground	Ground	3
/hite	AuxIO1	AuxIO2	+5V out	4
ed	A2+	A4+	RD+	5
reen	B2-	B4-	RD-	6 (right)

www.iftools.com
You can stick the elastic bumpers underneath the connector for stabilization



Protection

- ESD safety: ±15kV, C = 45pF
- Resettable input fuse 100mA Reset: Disconnect clips
- RS485 voltage limiting: +12V/-7V common mode range
- IO/+5V limiting: +6V/-0.7V

Hints for reliable bus operation Use 120Ω at both bus ends

 Set the rest level to a bit over +200mV at 2.5V mid voltage

 Voltage swing A-B > ±2V • Use (shielded) twisted wire pairs

Connect ground lines