Type 853

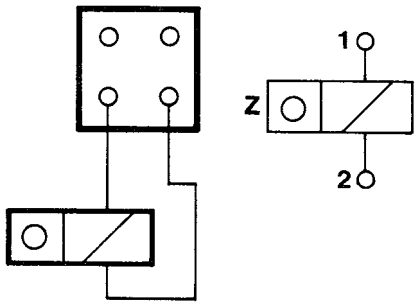
Totalizing Counter for Surface Mounting

- 6-digit display
- Button reset
- Simple installation

TECHNICAL DATA

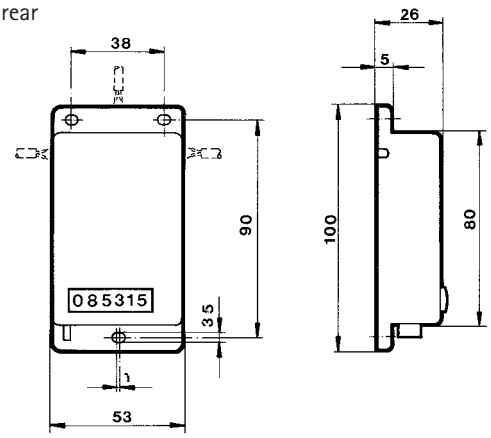
Display	6-digit
Digit height	4 mm
Supply voltage V_{op}	24 VDC ± 10 % or 230 VAC +6 – 10 %, depending on version
Power consumption	DC counter: 2.75 W, AC counter: 4 VA
Operating temperature	- 10 . . . + 40 °C
Storage temperature	- 40 . . . + 85 °C
Protection class (EN 60529)	IP 40
Electrical connection	terminal connection inside case
Vibrostability	50 m/s^2 (10 . . . 50 Hz) acc. to IEC 068-2-6
Shock stability	300 m/s^2 (6 ms) acc. to IEC 068-2-27
General design	acc. to DIN VDE 0435; insulation group C
Maintenance-free operation	4 x 10^7 pulses
Duty cycle at 25 °C	100 %
Weight	approx. 150 g
Count input	adding
Pulse length min.	DC counter: 20 ms, AC counter: 50 ms
Counting frequency max.	DC counter: 25 Hz, AC counter: 10 Hz
Pulse duty factor	1:1
Reset	manual with button or key

CONNECTION DIAGRAM



DIMENSIONS

Cable guide at rear



Dimensions in mm

ORDER INFORMATION

Counter

Base mounting 24 VDC	Ordering code	0 853 165
Base mounting 230 VAC	Ordering code	0 853 190

Standard accessory

Key reset	Ordering code	1 405 402

Further voltages available on request.