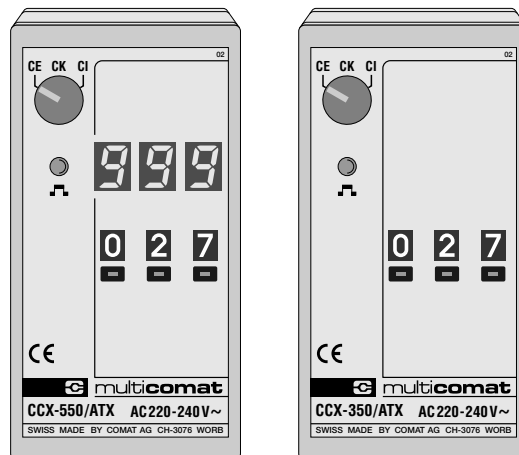


Preset Counters

CC



CE

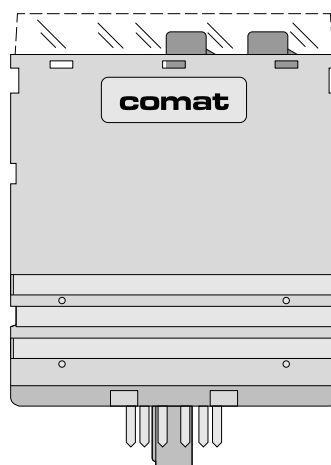
Electronic Preset Counters of the series CC point out the following main characteristics:

- Plug in Preset Counters with 2 change-over contacts 6A, 250V~
- Touch contact with digital display (CCX-550)
- 11 pin submagnal plug as specification IEC 67-1-18a
- Suitable for front panel mounting with accessory FZ-23
- Digital value display (CCX-550) and LED indication of the relay function

KÜHN

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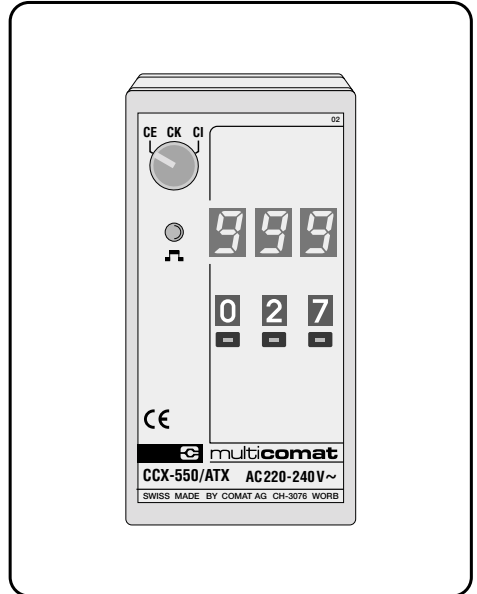
Data at Tamb = 25°C and Vnom

CCX-550

Type	Decades/Select	Decades/Display	Max. counting frequency
CCX-550	3/0-999	3	200 Hz

Supply, Power Consumption, Type					
	AC 50/60 Hz		DC		Type
	U min - U max	I max	U min - U max	I max	
AC 220-240V~	190-265V~	11mA			CCX-550/ATX
AC 110-120V~	90-140V~	15mA			CCX-550/ANP
UC 24-48V≈	19-60V~	110mA	19-60V≈	110mA	CCX-550/UFK

Example of order: 1 preset counter CCX-550/ATX



Timing modes

CE

Q is active after reaching the preselected number of pulses. Q and C can be reset with the reset button.

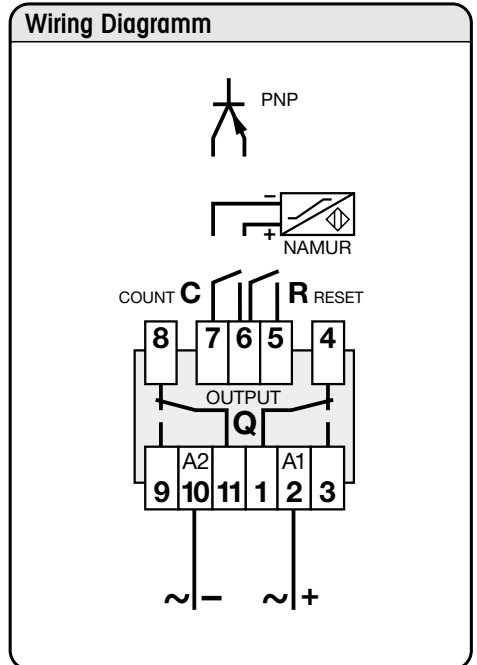
CK

Q is active during the preselected number of pulses and can only be reactivated after a reset. Q and C can be reset with the reset button.

CI

Q is active for t75...125 ms on the preselected pulse. The cycle starts again at the beginning. Q and C can be reset with the reset button.

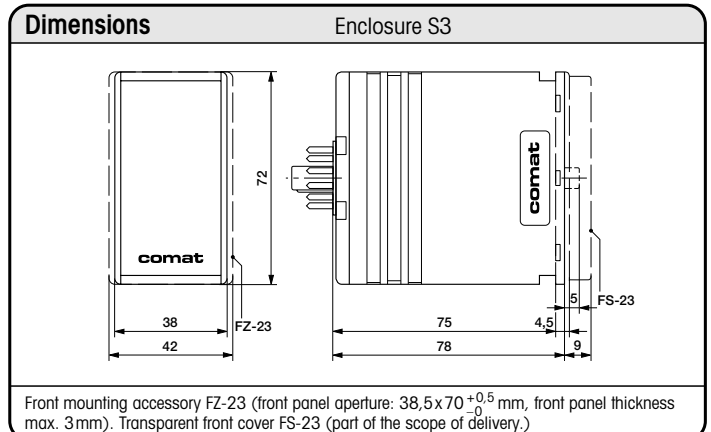
U = Voltage
C = Count
R = Reset
Q = Output relays



Technical data	General
Display	3-digit, 7-segment LEDs
Load of triggering contact C/R	3mA/<15V
Triggering time C	≥ 2,5 ms
Triggering time R	≥ 35ms
Reset time	50ms
Climate	10-95% relat. humidity not condensing
Ambient temperature range	-25... +60°C
Storage temperature range	-25... +80°C
Transient voltage protection	IEC 255.4. app. E, class III
Specifications	VDE 0435/0110 Gr.C, CE
Protection/case material	IP 40/Noryl SE1 to UL 94 V-1
Weight incl. packing	approx. 180g

Technical data	Output circuit
Switching current max.	6A
Switching voltage max.	250V
Breaking capacity	AC: 1500VA; DC: ... 250W
Mechanical life	30 million operations
Contact material	Ag Ni 90/10

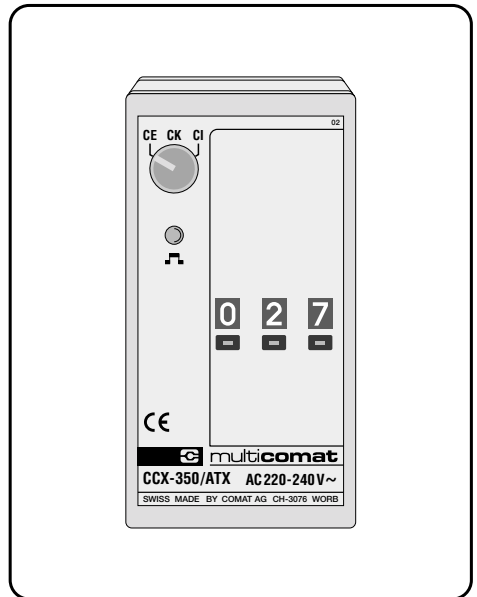
These values are valid for ohmic load or for inductive loading with spark arrest. Other contact material on request.



Type	Decades/Select	Decades/Display	Max. counting frequency
CCX-350	3/0-999	-	200 Hz

Supply, Power Consumption, Type					
⚡	AC 50/60 Hz		DC		Type
	U min - U max	I max	U min - U max	I max	
AC 220-240V~	190-265V~	11mA			CCX-350/ATX
AC 110-120V~	90-140V~	15mA			CCX-350/ANP
UC 24-48V≈	19-60V~	110mA	19-60V≈	110mA	CCX-350/UFK

Example of order: 1 preset counter CCX-350/ATX



Timing modes

CE

Q is active after reaching the preselected number of pulses. Q and C can be reset with the reset button.

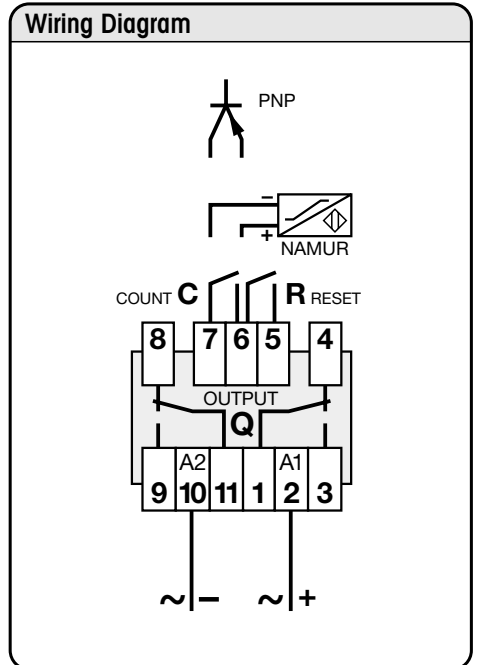
CK

Q is active during the preselected number of pulses and can only be reactivated after a reset. Q and C can be reset with the reset button.

CI

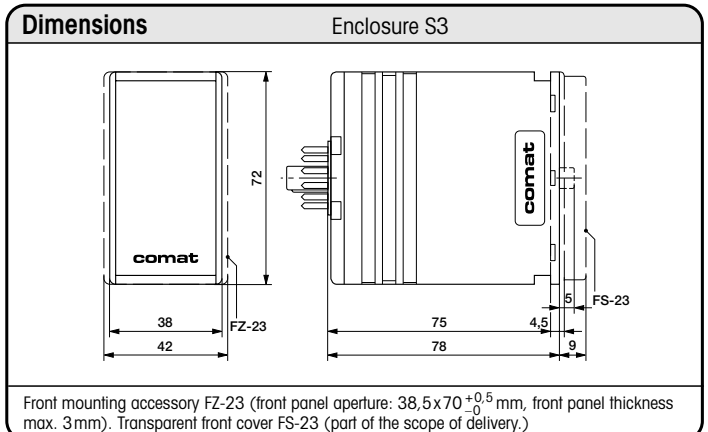
Q is active for t75...125ms on the preselected pulse. The cycle starts again at the beginning. Q and C can be reset with the reset button.

U = Voltage
C = Count
R = Reset
Q = Output relays



Technical data	General
Load of triggering contact C/R	3mA/<15V
Triggering time C	≥ 2,5ms
Triggering time R	≥ 35ms
Reset time	50ms
Climate	10-95% relat. humidity not condensing
Ambient temperature range	-25... +60°C
Storage temperature range	-25... +80°C
Transient voltage protection	IEC 255.4. app. E, class III
Specifications	VDE 0435/0110 Gr.C, CE
Protection/case material	IP 40/Noryl SE 1 to UL 94V-1
Weight incl. packing	approx. 180g

Technical data	Output circuit
Switching current max.	6A
Switching voltage max.	250V
Breaking capacity	AC: 1500VA; DC: ... 250W
Mechanical life	30 million operations
Contact material	Ag Ni 90/10
These values are valid for ohmic load or for inductive loading with spark arrest. Other contact material on request.	





Case S3

This issue replaces all previous issues.
Availability, errors and specifications subject to change without notice.

