

Counters

H7CX Series



Multifunction Preset Counter

- front panel size 48x48mm
- panel mounting
- negative transmissive LCD, two-colour display value, 6-digit model
 - red/green (programmable) 11,5mm - present value
 - green 6mm - set value
- range: 0 to 999999
- counting up, down or up/down (optional in 12 modes)
- multiply counting (adjustable from 0,001 to 99,999)

- max. counting speed: 30 Hz or 5 kHz
- input: counting (CP1 and CP2), reset a total reset - no-voltage or voltage input
- sensor power supply 12 VDC / 100mA
- IP66 protection (front panel)
- configurable as 1-stage counter, 2-stage counter, total and preset counter, batch counter, dual counter, or tachometer.
- power supply voltage 12 to 24 VDC/24VAC
- accessories: flush-mounting adapter

Part No.	Description
H7CX-AUD1	12-24VDC/24VAC 48x48mm 6-digit display

Part No.	Ord.No.
o H7CX-AUD 1	71423

H8GN Series



World's smallest compact preset counter/timer

- front panel size 48 x 24 mm
- panel mounting (flush-mounting bracket is supplied with the product)
- 8-digit, two-colours, negative transmissive LCD display
 - red/green (programmable) 7 mm present value
 - green 3,4 mm - set value
- power supply voltage: 24 VDC
- range: - counter: -999 to 9999
 - timer: 0,000 to 9999 hours in 9 time ranges

- function: counter: up, down, up/down - 4 modes; 30 Hz or 5 kHz
 - timer: elapsed time(up), remaining time (down) - 6 modes
- input: counter: counting, reset
 - timer: start, gate and reset (no-voltage input)
- output: SPDT, 3A / 250 VAC, 30 VDC
- IP66 protection (front panel)

Part No.	Description
H8GN-AD	Counter/timer 3A 24 VDC 48x24mm range -999-9999/0-9999h

Part No.	Ord.No.
o H8GN-AD	71426

H7E-N Series



Self-powered Total Counter

- front panel size 48x24 mm
- available in black colour
- panel mounting (flush-mounting bracket is supplied with the product)
- manual reset on the front panel (blockable) and also on terminal
- 8-digit LCD display, 8,6 mm characters, counting range 0 to 99999999.
- available models with backlight (-H, 24 VDC power supply needed)

- power supply by exchangeable battery 3 VDC
- counting speed: 30 Hz or 5 kHz (switchable)
- input: voltage PNP/NPN, "0" - 0 to 2 VDC
 - "1" - 4,5 to 30 VDC no-voltage (contact) AC/DC universal, "0" - 0 to 2,4 VAC/VDC
 - "1" - 24 to 204 VAC/VDC
- IP66 protection (front panel)
- no-backlight model

Part No.	Description
H7EC-N	Counter powered by battery, 48x24 mm, no-voltage input
H7EC-NV	Counter powered by battery, 48x24 mm, PNP/NPN input

Part No.	Ord.No.
s H7EC-N	71424
s H7EC-NV	71425

Microswitches

Z Series



Z-15GD-B

Z-15GQ

Z-15GQ22-B

Z-15GW22-B



General-purpose Basic Switches

Dimensions (d x w x h): 49,2x24,2x17,5mm
 Max. switching current: 15A/250 VAC, 6A/30VDC
 Min. switching current: 160mA/5VDC
 Contacts: SPDT, silver
 Operating temperature: -25 to 80°C
 Protection class: IP00

Part No.	Description
Z-15GD-B	15A, SPDT, 10mm long plunger, screw terminals
Z-15GQ	15A, SPDT, long plunger, solder terminals
Z-15GQ22-B	15A, SPDT, hinge roller lever, screw terminals
Z-15GW22	15A, SPDT, short hinge roller lever - 26,2mm, solder terminals
Z-15GW22S	15A, SPDT, short hinge roller lever 26,2mm(st. steel), sold. term.
Z-15GW22-B	15A, SPDT, short hinge roller lever - 26,2mm, screw terminals
Z-15GW2-B	15A, SPDT, short hinge roller lever - 48,5mm, screw terminals

Part No.	Ord.No.
s Z-15GD-B	71383
s Z-15GQ	71384
s Z-15GQ22-B	54426
s Z-15GW22	71385
o Z-15GW22S	71386
s Z-15GW22-B	65173
s Z-15GW2-B	71387

Enclosed Switches

D4MC series



D4MC-2020

D4MC-5000

D4MC-5020



Economical, High Utility Enclosed Switches

Metal housing
 Housing dimensions (d x w x h): 55x21,7x45mm
 Max. switching current: 10A/240 VAC, 6A/30VDC
 Output contacts: SPDT
 Panel-mount versions have the same operating position as the Z basic switch
 Operating temperature: -10 to 80°C
 Protection class: IP67

Part No.	Description
D4MC-2020	10A, SPDT, short hinge roller lever - 41 mm
D4MC-5000	10A, SPDT, panel mount plunger
D4MC-5020	10A, SPDT, panel mount roller plunger

Part No.	Ord.No.
s D4MC-2020	71370
s D4MC-5000	71371
s D4MC-5020	71372