

# CSV4/DC12-36V

Multifunction | 12 ... 36 V DC | 1 MOSFET | External potentiometer



## Time data

Timing functions	fig. 1 1: E 2: E, A, K, N, M, B1, F, G, Q, L, S, LS 3: W, B, B2, H
Timing range	t1: 0.8 ms ... 10 ms / 8 ms ... 100 ms / 80 ms ... 1 s / 0.8 s ... 10 s / 5 s ... 1 min / 0.8 min ... 10 min / 8 min ... 1 h / 0.8 h ... 10 h
Timing range t <sub>2</sub>	G/H-1: 10% t1 G/H-2: 100% t1
Timing scale	0.1 s / 1 s / 10 s / 1 min / 10 min / 1 h / 10 h

## Main circuit

Number of outputs	1 NO
Output type	MOSFET
Output voltage range	10.2 ... 45 V (Potential of A1)
Rated current	1.5 A
Minimum load	1 mA, 10.2 V
Inrush current	4 A, 100 ms
Typ. leakage current	10 µA
Mechanical endurance (cycles)	∞
Electrical endurance at rated load DC-1 (cycles)	∞

## Control circuit

Nominal voltage	12 ... 36 V DC
Operating voltage range	10.2 ... 45 V DC
Power consumption AC / DC	- / 0.2 W
Current consumption on supply A1-A2 AC / DC	- / 8 mA
Current consumption on input control B1 AC / DC	- / 4 mA
Threshold voltage on input control B1 AC / DC	- / 7.3 V
Frequency range	DC

## Insulation

Rated test voltage control / main circuit	2 kV rms / 1 min
Pollution degree	2
Overvoltage category	III

## General data

Nominal screw torque control / main circuit	0.5 Nm
---	--------

## Housing and environmental conditions

Storage temperature (no ice)	-40 ... 85 °C
Operation temperature	-40 ... 70 °C
Ingress Protection	IP 20
Weight	50 g
Housing material	PC
Operation Altitude	max. 2'000 m above sea level (without derating, IEC 60947-1 par. 7.1.2)
Mounting	DIN-Rail (IEC 60715)
Operation Position	Any
Dimensions	fig. 2
Mounting position	Any

## Wiring

Conductor cross section control / main circuit	2.5 mm <sup>2</sup> , 2 x 1 mm <sup>2</sup>
Stripping Length control / main circuit	8 mm
Nominal screw torque control / main circuit	0.6 Nm

## Accessories

External potentiometer	SP-01/100K
------------------------	------------

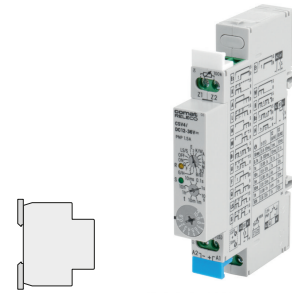


fig. 1. Wiring diagram

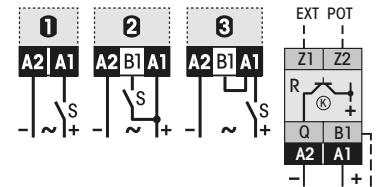
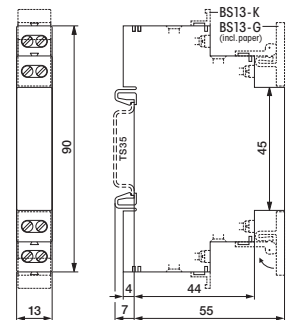


fig. 2. Dimensions (mm)



## Technical approvals, conformities

Standards IEC/EN 61812-1

Approvals