



DATA SHEET

DTZ 4

Article number 09501145



[Internetlink](#)

Function

"Couplers for external systems" are devices that can send and receive external voltages or protocols. For this reason they can also be called interfaces. The DTZ 4 pulse counter is a component of the Dupline installation system and enables pulses at up to 4 So channels to be counted, or up to 4 running times to be recorded, with cyclic transmission via the Dupline bus. Depending upon the selected operating mode, the inputs record either the number of SO pulses according to DIN 43864 (max. 20 per second) or the running time during which the normally-open contact is activated (minimum duration 1 ms, Resolution 1 s). The analysis of the counter readings can be carried out with the aid of a touch screen panel or visualizing software. In the event of power failure the current counter/meter data are saved and will be available when power is restored. Because the multiplex procedure is employed, up to 128 such counter readings can be transmitted with a Dupline system.

Features

Dupline-So interface and operating hour counter, configurable value range, resettable via the bus, values saved even in the event of a power failure, compact design

Mounting

quick fastening to mounting rail, any installation position

Applications

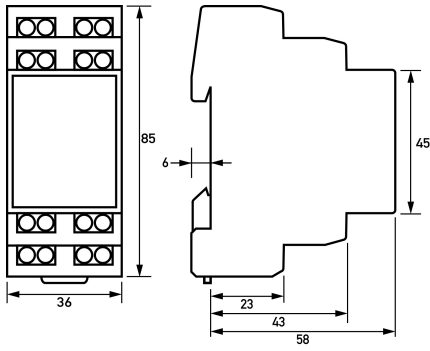
The clock and operating hour counter is suitable among other things for recording consumption in leisure facilities (campsites, marinas, etc.), recording machine and luminaire operating hours in commercially used and industrial facilities

Technical Data

Technical Data	DTZ 4
Series	DTZ 4
design	Dupline
max. IF Bus system input channel	4
current consumption bus	10 µA
Serial IF IF1 Specification	Impulse input
Serial IF IF1 Protocols	So
Pulse duration	5 s
Operating voltage (DC)	24 V (21.5 V ... 26.5 V)
Current consumption (DC)	0.01 A
Type	Display Operation
General data description	LED (green)
Operating position	General data
Ambient temperature	any
Permissible humidity	-20 °C ... 60 °C
Housing type	max. 95 %
Mounting type	Distributor housing
Housing material	Mounting rail
Protection class	Polycarbonate (PC)
Width	IP40
	35 mm

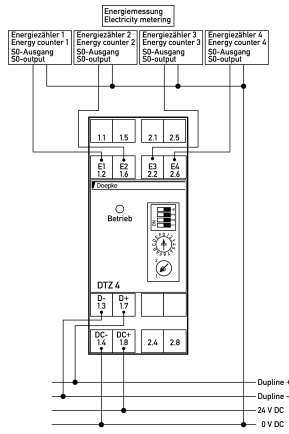
Technical Data	DTZ 4
Height	85 mm
Depth	65 mm
Installation depth	58 mm
Width (modules)	2
Design requirements/Standards	EN 60669, EN 55022, EN 61000-6-3, EN 61000-6-1, EN 55024

Dimensions



Dimensional drawing Group view

Wiring example



Wiring diagram