PWM control	
Frequence	200 Hz – 1.000 Hz
Voltage	24V DC ± 25%

Input ENABLE	
Active level	> 18V DC
Maximum voltage	30V DC

RS485 interface	
Speed	9600 / 19200 / 57 600 Bd
Format	No parity, 1 startbit, 1 stopbit
Protocol	Modbus RTU

Voltage reference	
Output voltage	10V DC ± 1%
Maximum output current	20mA

Analogue outputs for VDC & ADC monitoring	
Output voltage	0 - 10V
Internal resistance of the load (connected meters)	> 10kOhm

Indication relay	
Max. switched current	5A
Max. switched voltage	250V AC

Safety, standards	
Safety (LVD)	EN 62368-1
EMC immunity	EN 61000-6-2
EMC emissions	EN 61000-6-4
Protection class	
Polution class	2
Protection	IP20

Storage parameters	
Operating environment	-10°C to +50°C, max relative humidity 80% non-condensing
Storage	in dry conditions -25°C to +80°C, max r.h 80%

Other parameters	
Recommended resistance of external potentiometers	1 kOhm – 5 kOhm
Number of connected power units	1 - 16

Mechanical data	
Dimensions (w x h x d)	114,5 x 107 x 22,5 mm
Weight	0,15 kg
Recommended cross section of wires	0,5 – 1,5 mm²

Table of supported power supply types, output voltage and current

Power Supply	Power Supply Type	Max. output voltage (V)	Max. output current (A)	Max. output current (A) at at max. DC Voltage
3x 400 VAC	PSSW60012	600	12	8
	PSSW30024	300	24	16
230 V AC	PSSW07050	70	50	41,4
	PSSW14025	140	25	20,7
3x 400 VAC (2x)	2x PSSW60012	600	24	16

4. Installation

The CISW00108 control interface is intended for mounting onto a DIN rail on a vertical mounting panel. Sufficient space should be left to facilitate terminal plate access during cabling installation.

Correct operation of the unit requires the following connections:

- 24VDC Power supply connection (preferred from an external power source, if power supply from PSSW unit make sure enable input is from same source).
- ENABLE input (24VDC), for allowing controlled PSSW power supply unit output, by creating a connection via a different required component (PLC signal, via a safety (Flow) switch etc.).
- In the case of controlling output voltage or manipulating current via external signals, connect the respective input connector – individual operational methodology is described in detail later in this manual.
- Connect the applicable number of parallel controlled PSSW power supply units to the CISW00108 via a communication cable.

Unit configuration:

- Set a corresponding method for control of output variables; voltage and current settings are set separately; both methods can be combined (switches S1-1 through S1-6)
- Set the number of connected PSSW power supply units in parallel, operated as a single Power Supply (switches S2-1 through S2-4)