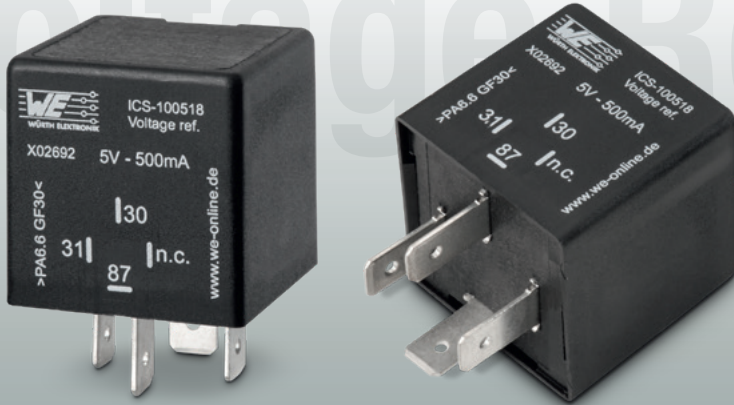




ICCS – Intelligent Control and Command Systems



Voltage Reference

ICCS Voltage Reference – 5 V and 12 V modules are intended to easily supply sensors or devices with a regulated voltage, lower than the system voltage.

With a supply voltage of 9 to 30 V DC (for the 5 V version) and 15 to 30 V DC (for the 12 V version), those reference modules provide an output current up to 500 mA.

Applications:

- Voltage reference for comparators
- Power supply for sensors or IC
- USB (5 V DC) power supply

Technical data

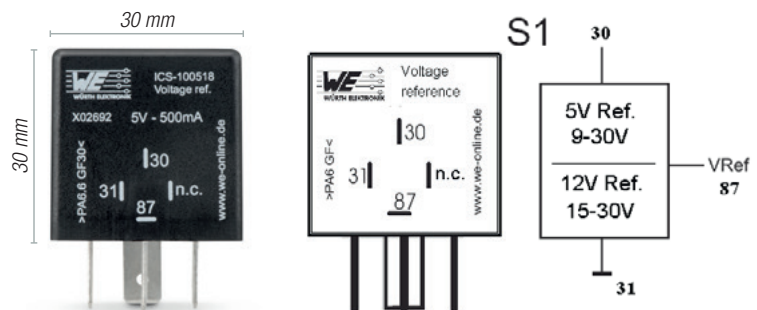
General information	
Housing	ISO Mini Relay
Connector	4 pins relay base
Dimensions	30 x 30 x 30 mm
Weight	~20 g
Operating temperature	-40 °C to 80 °C
Storage temperature	-40 °C to 80 °C
Ingress protection	IP 53
EMC	E1
Input voltage	9 to 30 V DC
Output voltage	5 or 12 V DC
Output current	max 500 mA
Pre-fusing	1 A
Current consumption	<5 mA

Pin assignment

Connector Voltage Reference		
Pin	Description	Function
30	Input	Voltage reference input
31	GND	Ground
87	Output	Voltage reference output

Order information

Available references	Part number WE ICS
ICCS 5 V Reference voltage module	ICS-100518
ICCS 12 V Reference voltage module	ICS-100519



For more information visit us at www.we-online.com or call +49 7940 9810-0.

Würth Elektronik ICS GmbH & Co. KG Intelligent Power & Control Systems

Gewerbepark Waldzimmern
Würthstraße 1
74676 Niedernhall
Tel. +49 7940 9810-0
Fax +49 7940 9810-1099
ics@we-online.de
www.we-online.com

This item is a standard product, please consider the relevant datasheet notes.
The user is responsible for the product's functionality in its purposed system environment.