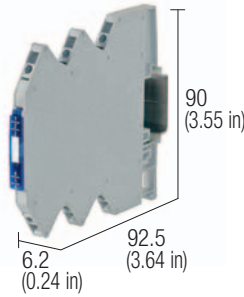


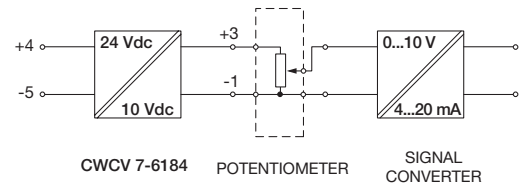
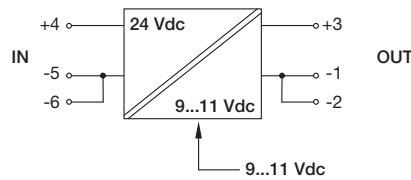
Auxiliary supply output for sensors and potentiometers

- Stabilized switching converter
- IN 16.8...20 Vdc / 9...11 Vdc 60 mA
- Suitable to feed potentiometers and sensors



NOTES	BLOCK DIAGRAM	EXAMPLE
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The dimensions includes the DIN clamp.
(1) range 16.8...30 Vdc



VERSIONS	Cat. No. X766184
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With screw connection (standard)
With spring connection

CWCV 7-6184

INPUT TECHNICAL DATA	
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Rated voltage
Current @ Iout max.
Protection fuse

24 Vdc (1)
30 mA @ 10 Vdc
T 1 A (external)

OUTPUT TECHNICAL DATA	
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Voltage
Maximum current
Continuous current
Load regulation
Ripple @ rated U-I output
Overload / short circuit protection
Output signal
Parallel connection

10 Vdc (9...11 Vdc adjustable)
60 mA
60 mA
< 1%
≤ 50 mVpp
si
yellow LED Power OK
possible with external diode

GENERAL TECHNICAL DATA	
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Operating temperature range
Input/output isolation
Protection degree
EMC Standards
Surge immunity
Connection terminal
Housing material
Approx. weight
Mounting information

-25...+60°C
50 Vac / 60 s
IP 20 IEC529, EN60529
EN 50081-1, EN 50082-2, EN 61000-3-2
EN61000-4-2, EN61000-4-4
1.5 mm² screw type / 1.5 mm² spring type (16 AWG)
Noryl UL94V-0
35 g (1.24 oz)
vertical on rail adjacent without gap

MOUNTING ACCESSORIES	
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Mounting rail type according to IEC60715/TH35-7.5
Mounting rail type according to IEC60715/G32
Plug-in jumper

PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB

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CWBK 7-0802 Cat. No. X766802
CWBK 7-0803 Cat. No. X766803
CWBK 7-0804 Cat. No. X766804

APPLICATIONS

For the highest accuracy of electronic measurements in process control and automation systems, a stable supply source is required to feed reference voltages. Accuracy of position sensors, such as linear or rotary potentiometers, depends greatly on the stability and accuracy of the DC supply of the sensor. For this reason our modules are provided with a calibrated DC output dedicated to feed the sensor for the highest accuracy, and this feature also helps to save space and the cost of an external DC supply source.