

**ACT20-FEED-IN-BASIC-S****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

Power supply adapter modules for separate supply and distribution of the supply voltage: for the ACT20 series/MICROSERIES signal converters.

The 22.5/6.1 mm wide power-feed modules are mounted directly adjacent to the analogue signal converters. Then the 24 VDC supply voltage is optionally bridged via the CH20M (ACT20-series) rail bus or simply bridged over using the pluggable ZQV 4N (MICROSERIES) cross-connectors.

The ACT20-Feed-In-PRO-S can also detect faults coming from any of the devices mounted on the CH20 bus mounting profile.

In the event of an error or fault, the integrated status relay sends a common alarm to the external controller. In addition, two power supply units (as primary and backup supply) can be connected to the ACT20 Feed-In PRO-S. Two feed-in modules mounted to the CH20 bus mounting profile guarantee a 100% redundant power supply.

Three LEDs are used to show the status of the power supply and error messages.

The ACT20M-Feed-In PRO can also be used in Ex zone2 / Division2 applications.

**General ordering data**

Version	Supply module, Distributes supply voltage to rail bus
Order No.	<a href="#">1282490000</a>
Type	ACT20-FEED-IN-BASIC-S
GTIN (EAN)	4050118072730
Qty.	1 pc(s).

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**Technical data****Dimensions and weights**

Depth	114.3 mm	Depth (inches)	4.5 inch
Height	112.5 mm	Height (inches)	4.429 inch
Width	6.1 mm	Width (inches)	0.24 inch
Net weight	83 g		

**Temperatures**

Storage temperature	-20 °C...85 °C	Ambient temperature	-25 °C...+70 °C
Operating temperature	-20 °C...60 °C	Humidity	40 °C / 95 % rel. humidity, no condensation

**Probability of failure**

SIL in compliance with IEC 61508	None
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**Input**

Input current	0.5...2.5 A DC	Input voltage	21.6...26.4 V DC
Number of inputs	1		

**Output**

Number of outputs	1	Output current	Equivalent to input current, 2.5 A
Output voltage, note	Corresponds to the input voltage	Supply voltage (output)	24 V DC

**General data**

Configuration	none	Protection degree	IP20
Rail	TS 35, CH20M Bus	Voltage supply	21.6...26.4 V DC

**Insulation coordination**

EMC standards	EN 61326-1
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**Connection data**

Type of connection	Screw connection	Tightening torque, min.	0.4 Nm
Tightening torque, max.	0.6 Nm	Clamping range, rated connection	2.5 mm <sup>2</sup>
Clamping range, min.	0.5 mm <sup>2</sup>	Clamping range, max.	2.5 mm <sup>2</sup>
Wire connection cross section AWG, min.	AWG 30	Wire connection cross section AWG, max.	AWG 14

**Classifications**

ETIM 6.0	EC001600	ETIM 7.0	EC001600
ETIM 8.0	EC001600	ETIM 9.0	EC001600
ECLASS 9.0	27-24-26-10	ECLASS 9.1	27-24-26-10
ECLASS 10.0	27-24-26-10	ECLASS 11.0	27-24-26-10
ECLASS 12.0	27-24-26-10	ECLASS 13.0	27-24-26-10
ECLASS 14.0	27-24-26-10		

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**Technical data****Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
SCIP	2f6dd957-421a-46db-a0c2-cf1609156924
RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	7a, 7cl

**Important note**

Product information	The ACT20-FEED-IN-BASIC-S device supplies the Weidmüller CH20M DIN-rail bus with an externally connected supply voltage of 24V DC $\pm$ 30%. The current-carrying capacity of the power-feed device is 2.5 A max. The input current must be limited to this maximum value.
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**Approvals**

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E337701

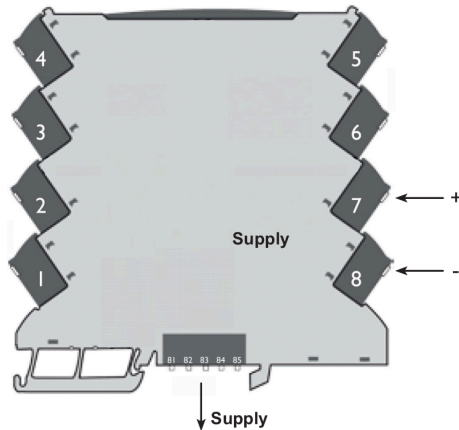
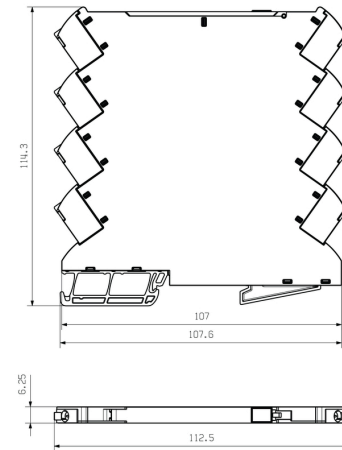
**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">FM certificate</a> <a href="#">IECEX certificate</a> <a href="#">ATEX certificate</a> <a href="#">Declaration of Conformity</a>
Engineering Data	<a href="#">CAD data – STEP</a>
User Documentation	<a href="#">Device description – Instruction sheet</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

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**Drawings**
**Connection diagram**

**Dimensioned drawing**


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## Accessories

## ACT20 (incl. DIN rail bus &amp; powersupplies)



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## General ordering data

Type	SET CH20M BUS 250MM TS ...	Version
Order No.	<a href="#">1335140000</a>	OMNIMATE Housing - series CH20M, Length: 250 mm, Width: 25.1
GTIN (EAN)	4050118138375	mm
Qty.	1 pc(s).	
Type	SET CH20M BUS 250MM TS ...	Version
Order No.	<a href="#">1335150000</a>	OMNIMATE Housing - series CH20M, Length: 250 mm, Width: 25.1
GTIN (EAN)	4050118138382	mm
Qty.	1 pc(s).	

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MultiFit is the Weidmüller marker system used for other makes of terminals. Similar to the Weidmüller Dekafix, the markers of the MultiFit family are available ready-for-use with standard printing.

We recommend to carry out a test with sample markers on the terminals used when using MultiFit for the first time.

- One marker, suitable for different makes of terminals.
- Ready-to-use markers with standard printing
- Blank markers for printing with the PrintJet CONNECT or Plotter
- Delivery of individually printed markers according to customer CAE data or specifications
- One marking system for all applications

**For custom printing:** Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

**General ordering data**

Type	MF 5/7.5 MC NE WS	Version
Order No.	<a href="#">1877680000</a>	MultiFit, Terminal marker, 5 x 7.5 mm, Pitch in mm (P): 7.50 Adels
GTIN (EAN)	4032248468270	RKW, Phoenix, white
Qty.	320 pc(s).	