

## ACT20M ACT20-FEED-IN-BASIC-S

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
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 www.weidmueller.com

### Product image



Accessories for the analogue signal processing products:

- End plates: for components with terminal-block design
- Retaining clips: for mounting IP6X signal isolators and displays
- Calibration devices: for calibrating and setting analogue signal converters
- MICRO interface: for direct transmission to a controller thus minimizing the wiring overhead
- markers
- Programming adapter: for configuring PC-configurable modules
- Cross-connector
- Power supply modules / power supplies
- Optional connection terminals and cold-junction compensation terminals

### General ordering data

Type	ACT20-FEED-IN-BASIC-S
Order No.	<a href="#">1282490000</a>
Version	ACT20M, Supply module, Screw connection
GTIN (EAN)	4050118072730
Qty.	1 pc(s).

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

Width	6.1 mm	Width (inches)	0.24 inch
Height	112.5 mm	Height (inches)	4.429 inch
Weight	70 g	Net weight	83 g

**Temperatures**

Humidity	95 %, no condensation	Operating temperature, max.	60 °C
Operating temperature, min.	-20 °C	Storage temperature, max.	85 °C
Storage temperature, min.	-20 °C	Operating temperature	-20 °C...60 °C
Ambient temperature	-25 °C...+70 °C	Storage temperature	-20 °C...85 °C

**Environmental Product Compliance**

REACH SVHC Lead 7439-92-1

**Rated data UL**

UL certificate E337701.pdf

**Input**

Number of inputs	1	Input voltage	21.6...26.4 V DC
Supply voltage (input)	21.6...26.4 V DC	Input current	0.5...2.5 A DC

**Output**

Number of outputs	1	Output voltage, note	Corresponds to the input voltage
Output current	Equivalent to input current, (Supply of e.g. 75 devices of ACT20M-CI-2CO-S on one CH20M BUS)		

**General data**

Degree of efficiency	100 %	Rail	TS 35, CH20M Bus
Voltage supply	21.6...26.4 V DC		

**Insulation coordination**

EMC standards IEC 61326-1, NE 21

**Data for Ex applications (ATEX)**

Marking II 3 G Ex nA IIC T4 Gc

**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

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**Technical data****Classifications**

ETIM 6.0	EC001600	ETIM 7.0	EC001600
eClass 9.0	27-24-26-10	eClass 9.1	27-24-26-10
eClass 10.0	27-24-26-10		

**Product information**

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.

**Approvals**

Approvals



ROHS

Conform

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">EAC certificate</a> <a href="#">FM certificate</a> <a href="#">IECEX certificate</a> <a href="#">ATEX certificate</a> <a href="#">Declaration of Conformity</a>
Brochure/Catalogue	<a href="#">CAT 4.1 ELECTR 16/17 EN</a>
Engineering Data	<a href="#">EPLAN, WSCAD</a>
Engineering Data	<a href="#">STEP</a>
User Documentation	<a href="#">Instruction sheet</a>



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**General ordering data**

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).	
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).	
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).	