

ACT20M ACT20-FEED-IN-BASIC-S

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 1429-0

Fax: +49 5231 14292083

www.weidmueller.com



ACT20M: The slim solution

- Safe and space-saving (6 mm) isolation and conversion
- Quick installation of the power supply unit using the CH20M mounting rail bus
- Easy configuration via DIP switch or FDT/DTM software
- Extensive approvals such as ATEX, IECEx, GL, DNV
- High interference resistance

General ordering data

Type	ACT20-FEED-IN-BASIC-S
Order No.	1282490000
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	-20 °C...60 °C
Ambient temperature	-25 °C...+70 °C	Storage temperature	-20 °C...85 °C

Input

Number of inputs	1	Input current	0.5...2.5 A DC
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Output

Number of outputs	2	Output voltage, note	Corresponds to the input voltage
Output current	Equivalent to input current		

General data

Degree of efficiency	100 %	Mounting rail	TS 35
Supply voltage	21.6...26.4 V DC		

Insulation coordination

EMC standards	IEC 61326-1, NE 21	Standards	IEC 61010-1
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Data for Ex applications (ATEX)

Marking	II 3 G Ex nA IIC T4 Gc
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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 ²
Clamping range, rated connection, min.	0.5 mm ²	Clamping range, rated connection, max.	2.5 mm ²
Wire connection cross section AWG, min.	AWG 30	Wire connection cross section AWG, max.	AWG 14

Rated data UL

UL certificate	E337701.pdf
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Ratings IECEx/ATEX/cUL

Certificate No. (ATEX)	KEMA10ATEX0183X	Certificate No. (IECEX)	IECEXKEM10.0090X
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Classifications

ETIM 6.0	EC001600	eClass 6.2	27-21-01-07
eClass 7.1	27-21-01-07	eClass 8.1	27-21-01-07
eClass 9.0	27-21-01-07	eClass 9.1	27-24-26-10

Data sheet

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Technical data

Product information

Descriptive text accessories DIN mounting rail, see Accessories

Approvals

Approvals



ROHS Conform

Downloads

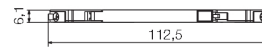
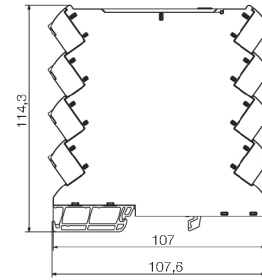
Approval/Certificate/Document of Conformity	Declaration of Conformity
Brochure/Catalogue	CAT 4.1 ELECTR 16/17 EN
Engineering Data	EPLAN_WSCAD
User Documentation	Instruction sheet

Data sheet

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Drawings



dimensions

