



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



ACT20P
ACT20P-VM-AO-S

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 1429-0
Fax: +49 5231 14292083
www.weidmueller.com

**ACT20P: The flexible solution**

- Precise and highly functional signal converters
- Simple configuration via display (Pro DCDC II), FDT/DTM software or DIP switch
- Release levers simplify handling
- More space in the control cabinet, from 12.5 mm wide for two channels

General ordering data

Type	ACT20P-VM-AO-S
Order No.	7760054306
Version	Signal converter/insulator, Input: AC/DC voltage
GTIN (EAN)	6944 169749087
Qty.	1 pc(s).

ACT20P
ACT20P-VM-AO-S

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 1429-0
 Fax: +49 5231 14292083
 www.weidmueller.com

Technical data
Dimensions and weights

Length	114 mm	Length (inches)	4.488 inch
Width	22.5 mm	Width (inches)	0.886 inch
Height	117 mm	Height (inches)	4.606 inch
Depth	114.3 mm	Depth (inches)	4.5 inch
Net weight	110 g		

Temperatures

Humidity	5...95 %, no condensation	Operating temperature	-25 °C...65 °C
Storage temperature	-40 °C...85 °C		

Input

Number of inputs	1	Input voltage	U _{N1} : 0...300 V AC, U _{N2} : 0...125 V AC, U _{N2} : 0...60 VDC, U _{N3} : 0...150 VDC, U _{N3} : 0...300 V DC, U _{N4} : 0...30 V DC, U _{N4} : 0...300 VDC, U _{N5} : 0...440 VDC, U _{N7} : 0...60 VAC, U _{N8} : 0...144 VAC, U _{N9} : 0...300 VAC
Input resistance	1 MΩ±5%	Input frequency	40...60 Hz, DC

Output

Number of outputs	1	Output voltage, note	0...10 V
Output current	0(4)...20 mA	load impedance voltage	≥ 10 kΩ
load impedance current	≤ 500 Ω		

General data

Accuracy	0.5 % FSR	Configuration	With FDT/DTM software
Galvanic isolation	3-way isolator, between input/output/supply	Mounting rail	TS 35
Power consumption	≤ 100 mA @ 24 VDC, ≤ 120mA @ 24V AC	Step response time	< 300 ms
Supply voltage	24...240 VUC (±10%)	Temperature coefficient	≤ 200 ppm/K

Insulation coordination

EMC standards	IEC 61000-6 /-2, IEC 61000-6-4, IEC 61326-1	Galvanic isolation	3-way isolator, between input/output/supply
Impulse withstand voltage	4 kV (1.2 / 50 μs) input - output/ supply, 6 kV (input - output), 1.2/50 μs	Insulation voltage input or output/supply	2.2 kVAC, 1 min, 50 Hz
Pollution severity	2	Rated voltage	300 VAC (supply-output), 500 VAC (supply-input; input-output)
Standards	EN 50178	Surge voltage category	III

Data sheet

**ACT20P
ACT20P-VM-A0-S**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 1429-0
 Fax: +49 5231 14292083
 www.weidmueller.com

Technical data

Connection data

Type of connection	Screw connection	Tightening torque, min.	0.4 Nm
Tightening torque, max.	0.6 Nm	Clamping range, rated connection	1.5 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

Classifications

ETIM 6.0	EC002653	eClass 9.1	27-21-01-20
----------	----------	------------	-------------

Product information

Descriptive text accessories	CBX 200
------------------------------	---------

Approvals

Approvals



Downloads

Approval/Certificate/Document of Conformity	Declaration of Conformity
Engineering Data	EPLAN
Engineering Data	STEP
User Documentation	Instruction sheet

Data sheet

**ACT20P
ACT20P-VM-A0-S**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 1429-0
 Fax: +49 5231 14292083
 www.weidmueller.com

Drawings

