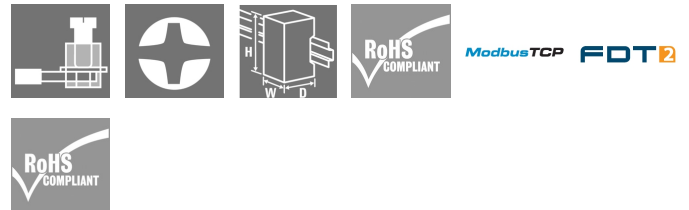


## ACT20C-GTW-100-MTCP-S

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

### Product image



The ACT20C series was especially developed for applications with continuous processes. It enables the continuous monitoring of diagnostic, device and process information ("condition monitoring"). Several ACT20C components form a station which consists of an ACT20C Ethernet gateway, communicative ACT20C signal converters and an ACT20C bus termination terminal.

### General ordering data

Version	Gateway for ACT20C station, Configurable, Modbus TCP/IP, Distributes supply voltage to rail bus, Input : 0...40/50/60 A, Output : Pulse
Order No.	<a href="#">1510370000</a>
Type	ACT20C-GTW-100-MTCP-S
GTIN (EAN)	4050118319606
Qty.	1 Stück

Erstellungs-Datum May 25, 2023 12:44:08 PM CEST

Katalogstand 12.05.2023 / Technische Änderungen vorbehalten

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## Technische Daten

### Dimensions and weights

Depth	113.6 mm	Depth (inches)	4.472 inch
Height	117.2 mm	Height (inches)	4.614 inch
Width	22.5 mm	Width (inches)	0.886 inch
Net weight	150 g		

### Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-25 °C...60 °C
Operating temperature, min.	-25 °C	Operating temperature, max.	60 °C
Humidity	5...95 %, no condensation		

### Probability of failure

SIL in compliance with IEC 61508	None	MTTF	160 Years
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### Communication

Addressing	DHCP or manual adjustment	Configuration	With FDT/DTM software, DHCP
Interface	Communication via CH20M rail bus with all current measuring transducers (ACT20C-CMT-x)	Number of devices	16
Protocol	Modbus/TCP, DHCP Server/Client	RJ45 ports	10/100BaseT(X), auto negotiation

### Output

Load impedance current	≤ 600 Ω
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### alarm output

Switching current	5 A
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### General data

Configuration	With FDT/DTM software, DHCP	Power consumption, max.	1.5 W
Rail	TS 35	Voltage supply	18.0 ... 31.2 V DC

### Insulation coordination

EMC standards	IEC 61326-1	Impulse withstand voltage	0,5 kV (1.2/50 μs)
Pollution severity	2	Rated voltage / test voltage: Ethernet interface to supply / functional earth to supply / Ethernet interface	30 V AC RMS
Surge voltage category	II	Test voltage	1.1 kV

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## Technische Daten

### Connection data

Type of connection	Screw connection, RJ45 plug-in connector	Tightening torque, min.	0.5 Nm
Tightening torque, max.	3.5 Lb In	Clamping range, rated connection	1.5 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
Wire cross-section, solid, min.	0.5 mm <sup>2</sup>	Wire cross-section, solid, max.	2.5 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	0.5 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	2.5 mm <sup>2</sup>

### Classifications

ETIM 6.0	EC002475	ETIM 7.0	EC002475
ETIM 8.0	EC002475	ECLASS 9.0	27-21-01-23
ECLASS 9.1	27-21-01-23	ECLASS 10.0	27-21-01-23
ECLASS 11.0	27-21-01-23	ECLASS 12.0	27-21-01-23

### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	2f6dd957-421a-46db-a0c2-cf1609156924

### Important note

Product information The ACT20C-GTW-100-MTCP-S gateway is a modbus TCP slave in accordance with IEC 61158. It connects ACT20C devices to an Ethernet network for diagnostic, configuration and status monitoring purposes.

Properties

- RJ45 port with Ethernet TCP/IP
- Jack socket for direct point-to-point communication via a CBX200 USB adapter
- Configuration using the standard FDT/DTM
- Station management with "Plug & Produce" and "Hot Swapping"
- Operational status and error display on a front panel LED according to NE44, NE107

### Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E141197

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## Technische Daten

### Downloads

Approval/Certificate/Document of Conformity	<a href="#">UL certification (USA/Canada)</a> <a href="#">Certification DNV GL</a> <a href="#">Declaration of Conformity</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Software	<a href="#">Runtime Software – WI-Manager, DTM-Library for online installation</a> <a href="#">Release notes for Weidmueller FDT-DTM Software version</a>
User Documentation	<a href="#">Instruction sheet</a> <a href="#">Manual</a> <a href="#">20210120 Security Advisory - WI-Manager affected by MundM Software fdtCONTAINER vulnerability</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

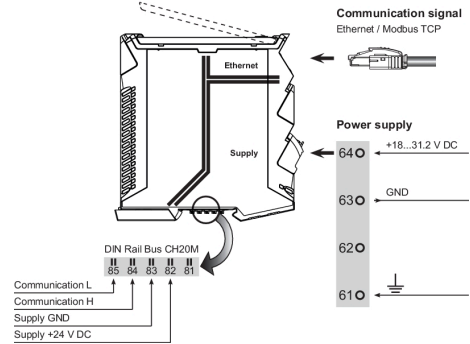
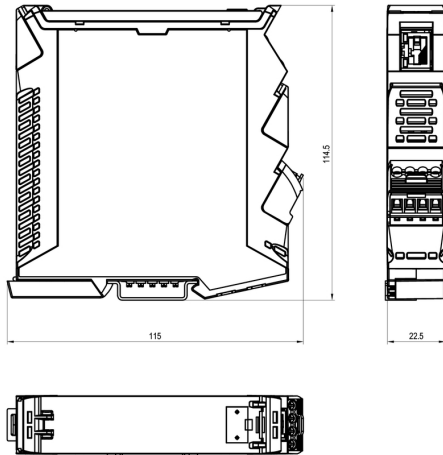
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**Zeichnungen**

**Dimensioned drawing**



ACT20C-GTW-100-MTCP-S is part of the ACT20C- Station

