

ACT20C-GTW-100-MTCP-S**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

ModbusTCP FDT2



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, Ethernet IP, Modbus TCP, TCP/IP functions, Distributes supply voltage to rail bus
Order No.	1510370000
Type	ACT20C-GTW-100-MTCP-S
GTIN (EAN)	4050118319606
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

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

Temperatures

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

Probability of failure

MTTF	160 Years
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Input

Type	receives data via the CH20M rail bus from several ACT20C-CMT communicative current-measuring transducers
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Interface 1

Type	receives data via the CH20M rail bus from several ACT20C-CMT communicative current-measuring transducers
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General data

Configuration	With FDT/DTM software, DHCP	Power consumption, max.	1.5 W
Rail	TS 35	Type of connection	Screw connection, RJ45 plug-in connector
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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Technical data**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 ²
Clamping range, min.	0.5 mm ²	Clamping range, max.	2.5 mm ²
Wire connection cross section AWG, min.	AWG 30	Wire connection cross section AWG, max.	AWG 14
Wire cross-section, solid, min.	0.5 mm ²	Wire cross-section, solid, max.	2.5 mm ²
Wire connection cross section, finely stranded, min.	0.5 mm ²	Wire connection cross section, finely stranded, max.	2.5 mm ²

Classifications

ETIM 6.0	EC002475	ETIM 7.0	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

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
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Approvals

Approvals



ROHS	Conform
UL File Number Search	E141197

Downloads

Approval/Certificate/Document of Conformity	UL certification (USA/Canada) Declaration of Conformity
Engineering Data	STEP
Software	WI-Manager, DTM-Library for online installation V.1.2.2
User Documentation	Instruction sheet Manual

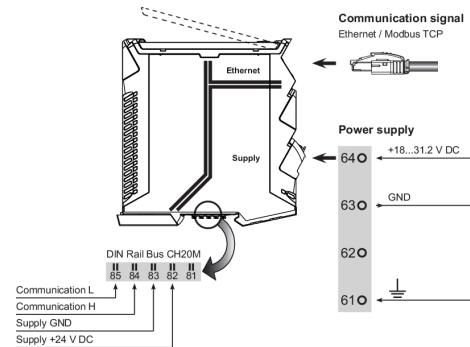
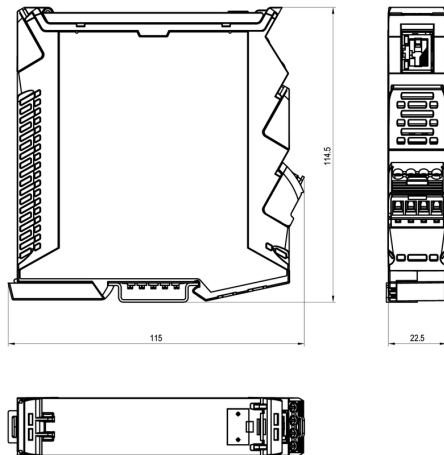
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Drawings

Dimensioned drawing



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

