Weidmüller ЭE

ACT20C-LBT-10

Product image

RoHS COMPLIANT

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	Bus termination terminal for ACT20C station, Input : 0...40/50/60 A, Output : Pulse
Order No.	1510340000
Type	ACT20C-LBT-10
GTIN (EAN)	4050118319491
Qty.	1 pc(s).

Creation date April 27, 2024 7:47:32 AM CEST

ACT20C-LBT-10

Technical data

Dimensions and weights

Depth	63 mm	Depth (inches)	2.48 inch
Height	56 mm	Height (inches)	2.205 inch
Width	20.6 mm	Width (inches)	0.811 inch
Net weight	53.88 g		

Temperatures

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

Probability of failure

SIL in compliance with IEC 61508	None	MTTF	120 a

Communication

Configuration	none

Output

Load impedance current	≤ 600 Ω

alarm output

Switching current	5 A

General data

Configuration	none	Rail	TS 35

Connection data

Type of connection	socket / socket

Classifications

ETIM 6.0	EC001583	ETIM 7.0	EC001583
ETIM 8.0	EC001583	ETIM 9.0	EC001583
ECLASS 9.0	27-14-31-54	ECLASS 9.1	27-14-31-54
ECLASS 10.0	27-14-31-54	ECLASS 11.0	27-14-31-92
ECLASS 12.0	27-14-31-92	ECLASS 13.0	27-14-31-92

Environmental Product Compliance

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

Important note

Product information	The ACT20C-LBT-10 bus termination terminal is required as the electrical termination of the DIN rail bus on an ACT20C station. It also assumes the function of a mechanical end bracket. Properties • Right-hand electrical termination of the internal communication bus on an ACT20C station • Assembly on a TS 35 DIN rail with integrated CH20M bus profile • Integrated mechanical end bracket function

ACT20C-LBT-10

Technical data

Approvals

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

Downloads

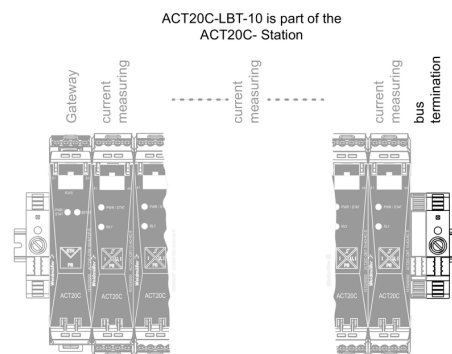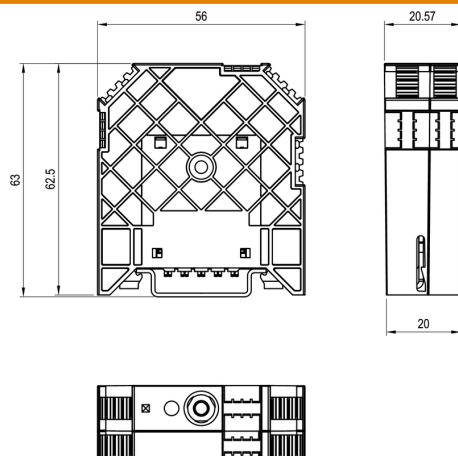|	
Approval/Certificate/Document of Conformity	Certification DNV GL
Engineering Data	CAD data – STEP
User Documentation	Device description – Instruction sheet
	Application notes – Manual
Catalogues	Catalogues in PDF-format
Brochures	

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ACT20C-LBT-10

Drawings

Dimensioned drawing

ACT20C-LBT-10 is part of the
ACT20C- Station

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

www.weidmueller.com

Accessories

CH20M BUS-AP - Bus insert profil endplates

The integrated rail bus for the modular electronics housing system

When supplying, connecting or distributing within modular applications, the rail bus can replace the tedious individual wiring process with a flexible and uninterrupted system-wide solution.

The system bus is securely integrated within the 35-mm standard mounting rail. The SMD-bus contact block can be reflow-soldered so that it can be completely automatically processed during the component assembly. The resistant, gold-plated contact surfaces ensure a permanent and reliable contact for all housing widths.

- **Unlimited scalability** The integrated connection solution covers all system widths: from the 6-mm slice to the 67-mm large-area housing.
- **Easy to service during installation** It's easy to replace a module, even in existing modules groups – without any influence on the neighbouring modules.
- **Universal integration** The uninterrupted system bus is securely integrated within the 35-mm standard mounting rail.
- **Maximum availability** Five fully-galvanized and partially gold-plated twin-arched contacts are used to establish a permanent contact to the rail bus. THR solder flanges ensure that the connection to the circuit board is stable.

General ordering data

Type	CH20M BUS-AP RE TS 35X7 ...	Version
Order No.	1193170000	OMNIMATE Housing - series CH20M, Length: 40.5 mm, Width: 5.1
GTIN (EAN)	4032248987924	mm
Qty.	50 pc(s).	
Type	CH20M BUS-AP LI TS 35X7 ...	Version
Order No.	1193160000	OMNIMATE Housing - series CH20M, Length: 40.5 mm, Width: 5.1
GTIN (EAN)	4032248987771	mm
Qty.	50 pc(s).	

Creation date April 27, 2024 7:47:32 AM CEST

Catalogue status 20.04.2024 / We reserve the right to make technical changes.

5

Accessories

Blank

WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text.
WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with PrintJet CONNECT oder/or Plotter is possible.

- Can be fitted in strips or individually
- Markers in proven MultiCard format

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	WS 12/5 MC NE WS	Version	
Order No.	1609860000	WS, Terminal marker, 12 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,	
GTIN (EAN)	4008190203481	Allen-Bradley, white	
Qty.	720 pc(s).		

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ACT20C-LBT-10

Accessories

ACT20 (incl. DIN rail bus & powersupplies)

Power supply adapter modules for separate supply and distribution of the supply voltage: for the ACT20 series/ MICROSERIES signal converters.

The 22.5/6.1 mm wide power-feed modules are mounted directly adjacent to the analogue signal converters. Then the 24 VDC supply voltage is optionally bridged via the CH20M (ACT20-series) rail bus or simply bridged over using the pluggable ZQV 4N (MICROSERIES) cross-connectors.

The ACT20-Feed-In-PRO-S can also detect faults coming from any of the devices mounted on the CH20 bus mounting profile.

In the event of an error or fault, the integrated status relay sends a common alarm to the external controller. In addition, two power supply units (as primary and backup supply) can be connected to the ACT20 Feed-In PRO-S. Two feed-in modules mounted to the CH20 bus mounting profile guarantee a 100% redundant power supply.

Three LEDs are used to show the status of the power supply and error messages.

The ACT20M-Feed-In PRO can also be used in Ex zone2 / Division2 applications.

General ordering data

Type	SET CH20M BUS 250MM TS ...	Version
Order No.	1335140000	OMNIMATE Housing - series CH20M, Length: 250 mm, Width: 25.1
GTIN (EAN)	4050118138375	mm
Qty.	1 pc(s).	

Catalogue status 20.04.2024 / We reserve the right to make technical changes.

7