# ACT20C-LBT-10

## 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 | 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). |

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# 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 | Protection degree | IP20 |
| 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 |
| ECLASS 14.0 | 27-14-31-92 | | |

### Environmental Product Compliance

| | |
|---|---|
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 7a, 7cl |
| REACH SVHC | Lead 7439-92-1 |
| SCIP | 2f6dd957-421a-46db-a0c2-cf1609156924 |

**Weidmüller** ⋺Ξ

## ACT20C-LBT-10

**Weidmüller Interface GmbH & Co. KG**

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Germany

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## Technical data

### 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.<br>Properties<br>• Right-hand electrical termination of the internal communication bus on an ACT20C station<br>• Assembly on a TS 35 DIN rail with integrated CH20M bus profile<br>• Integrated mechanical end bracket function |

### Approvals

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

### Downloads

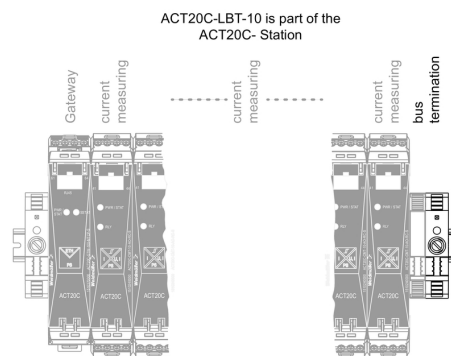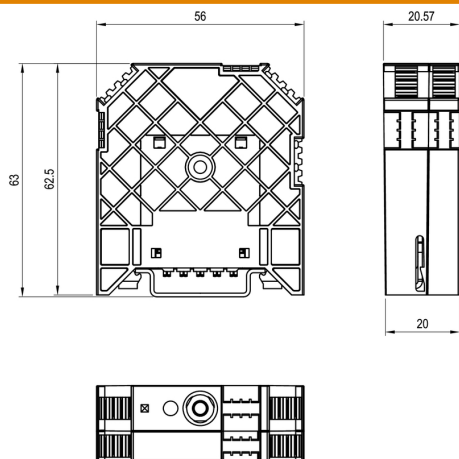| | |
|---|---|
| Approval/Certificate/Document of Conformity | Certification DNV GL |
| Engineering Data | CAD data – STEP |
| User Documentation | Device description – Instruction sheet<br>Application notes – Manual |
| Catalogues | Catalogues in PDF-format |
| Brochures | |

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**ACT20C-LBT-10**

## Drawings

### Dimensioned drawing



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

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**ACT20C-LBT-10**

## 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). | |

**Accessories**

## Network-compatible current measuring transducers ACT20C

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### 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). | |

## 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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