

## Technical data sheet

Load monitoring · LOCC-Box Accessories

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### LOCC-Box supply terminal

Maximum total current 40 A (UL: 35 A)



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#### Identification

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Type	LOCC-Box-EKL 7-6435
Part No.	<a href="#">716435</a>

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#### Product version

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Hardware revision	2.0
Datasheet version	03

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#### Input

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Rated voltage $U_N$	DC 12/24/48 V
Rated current $I_N$	Max. DC 40 A
Reverse voltage protection	No
Connection type input	Push-In 0.5 mm <sup>2</sup> – 10 mm <sup>2</sup> UL Values/stranded AWG 14 – AWG 8
Conductor connection cross section	Single-wire: max. 10 mm <sup>2</sup> Finely stranded: max 10 mm <sup>2</sup> Finely stranded with AEH: max 6 mm <sup>2</sup>
Strip length	13 mm

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#### Output

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Rated voltage $U_N$	DC 12/24/48 V
Output current	Max. DC 40 A
Connection type output	Screwless contact slide
Copper bus bar	3 × 10mm

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Part No. [716435](#) • Datasheet version: 03

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SYSTEMATIC TECHNOLOGY

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#### General

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Accessories	Supply terminal 10 mm <sup>2</sup>
Connection type	Push-In Single wire/fine wire 0.50 mm <sup>2</sup> – 10.0 mm <sup>2</sup> AWG 22 – AWG 7 Fine stranded wire with ferrule Finely stranded, ferrule with plastic collar 0.5 mm <sup>2</sup> – 6 mm <sup>2</sup> AWG 22 – AWG 9 UL Values AWG 14 – AWG 8
Strip length	13 mm
Housing material	PA 6.6 (UL 94 V-0, NFF I2, F2)
Mounting	DIN rail mountable TS35 (EN 60715)
Degree of protection	IP20 (only as complete system with supply terminal, end block and copper rail cover)
Installation position	Any
Dimensions (w × h × d)	10.0 mm × 110.0 mm × 62.0 mm
Weight/unit	0.035 kg
PU (units)	2

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#### General ambient conditions

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Operation temperature range	-25 °C ... +50 °C
Storage temperature range	-40 °C ... +85 °C
Relative air humidity	10 % – 95 %, without condensation
Vibration resistance	4 g acc. to EN 60068-2-6
Shock resistance	15 g acc. EN 60068-2-27

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#### Certifications/Standards

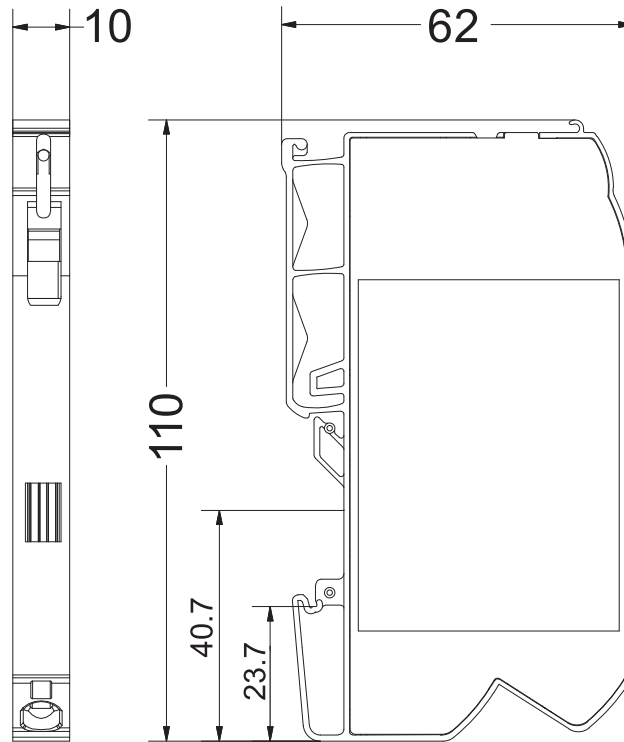
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Conformity	CE UKCA
Certifications	cULus (E135145) DNV (TAA0000162)
Standards	UL 60947-5-1 DNV-CG-0339

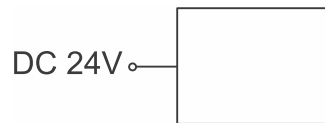
# Technical data sheet

## Load monitoring · LOCC-Box Accessories

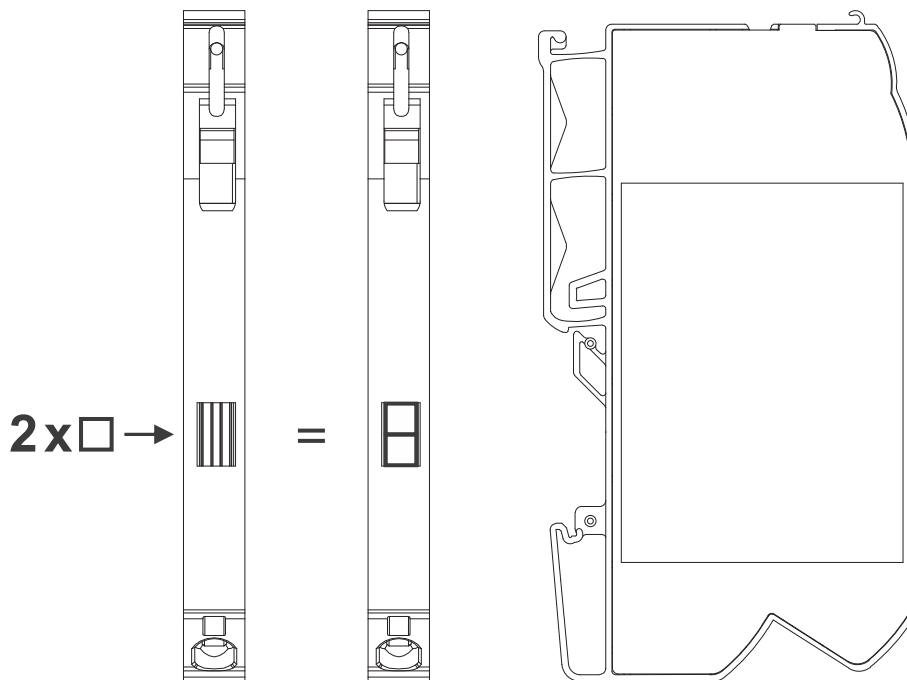
### Dimensions



### PIN assignment



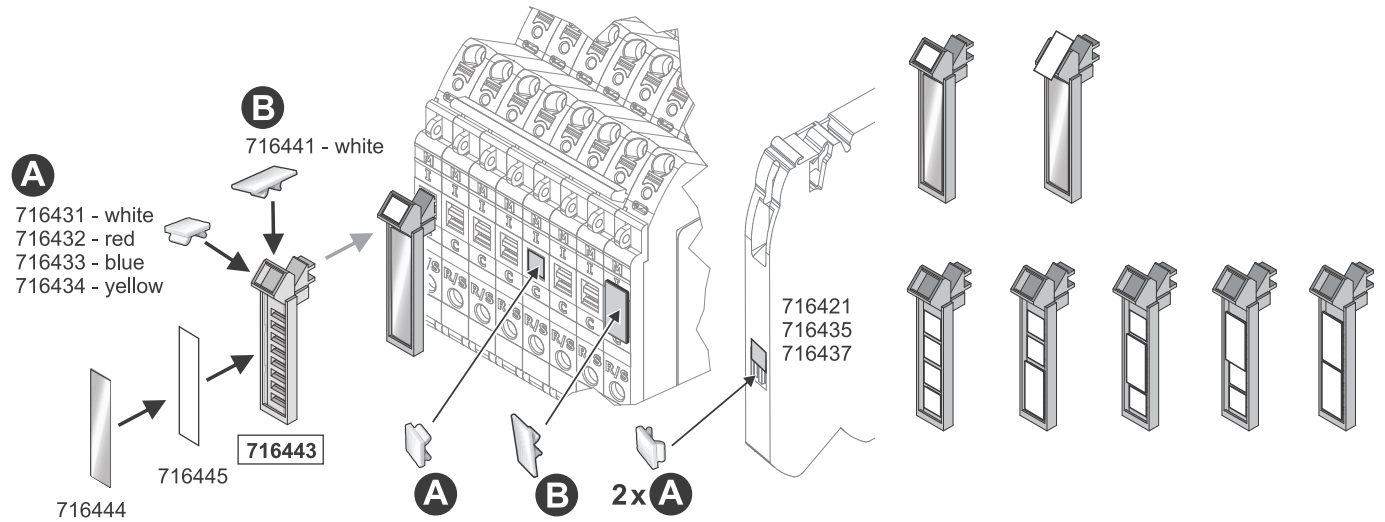
### Use



# Technical data sheet

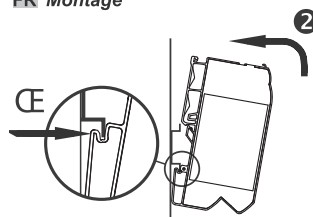
## Load monitoring · LOCC-Box Accessories

### Use



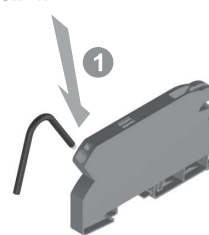
### Mounting diagram

DE Montage  
EN Mounting  
FR Montage

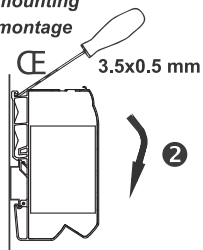


**⚠ HINWEIS / NOTICE / AVIS**

Push-In



DE Demontage  
EN Demounting  
FR Démontage



**⚠ HINWEIS / NOTICE / AVIS**

Push-In

