



TERMINAL MODULE FOR ET 200S DS FOR DIRECT STARTER, WITHOUT FEEDER CONNECTION

General technical data:		
<b>Product designation</b>		Terminal module
<b>Product-type designation</b>		TM-DS45-S31
<b>Design of the product</b>		for DS1-x, with energy bus bushing
<b>Mounting height</b>	mm	264
<b>Installation width</b>	mm	45
<b>Mounting depth</b>	mm	100
<b>Protection class IP</b>		IP20
<b>Insulation voltage / rated value</b>	V	690
<b>Operating voltage</b>		
• for AC / rated value	V	500
<b>Impulse voltage resistance / rated value</b>	V	6,000
<b>Operating current / rated value</b>	A	40
<b>Operating frequency</b>		
• 1 / rated value	Hz	50
• 2 / rated value	Hz	60
<b>Type of the connectable conductor cross-sections</b>		
• solid		1x 10 mm <sup>2</sup> , 2x (1 ... 2.5 mm <sup>2</sup> ), 2x (2.5 ... 6 mm <sup>2</sup> )
• finely stranded / with wire end processing		2x (1 ... 2.5 mm <sup>2</sup> ), 2x (2.5 ... 6 mm <sup>2</sup> ), acc. to IEC 60947

- for AWG conductors

- solid

- stranded

2x (14 ... 10)

2x (14 ... 10)

#### Mounting/fixing:

**Dimension de la tête de tournevis**

Standard screwdriver Size 2

**Tightening torque**

- with screw-type terminals

N·m

2 ... 2.5

#### Further information:

**Information- and Downloadcenter (Catalogs, Brochures,...)**

<http://www.siemens.com/industrial-controls/catalogs>

**Industry Mall (Online ordering system)**

<http://www.siemens.com/industrial-controls/mall>

**Cax online generator:**

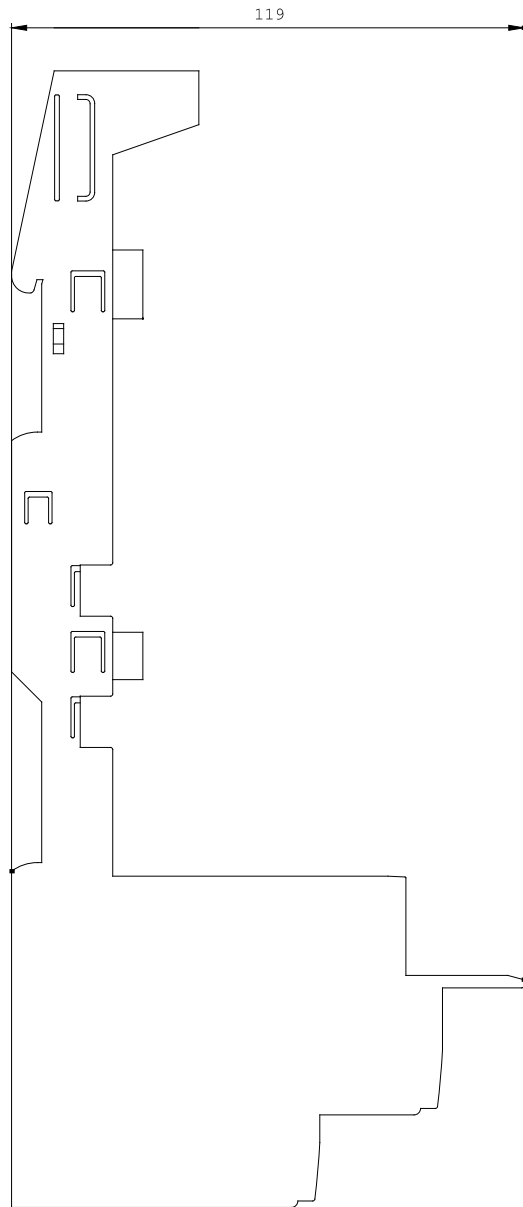
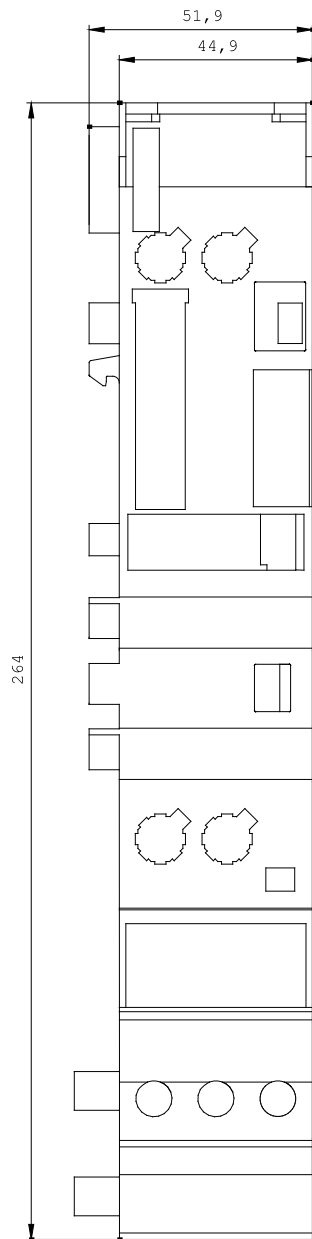
<http://www.siemens.com/cax>

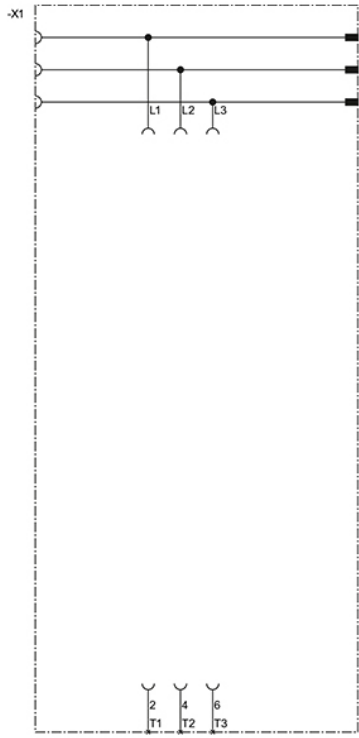
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

<http://support.automation.siemens.com/WW/view/en/3RK1903-0AB10/all>

**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3RK1903-0AB10](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RK1903-0AB10)





last change:

Mar 5, 2013