



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

General technical data:		
Product designation		Terminal module
Product type designation		TM-DS45-S31
Design of the product		for DS1-x, with energy bus bushing
Mounting height	mm	264
Installation width	mm	45
Installation depth	mm	100
Protection class IP		IP20
Insulation voltage Rated value	V	690
Operating voltage		
• with AC Rated value	V	500
Surge voltage resistance Rated value	V	6 000
Operating current Rated value	A	40
Operating frequency		
• 1 Rated value	Hz	50
• 2 Rated value	Hz	60
Type of connectable conductor cross-section		
• 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 core 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		2x (14 ... 10)
— stranded		2x (14 ... 10)
Installation/ mounting/ dimensions:		
Size of the screwdriver tip		Standard screwdriver Size 2

## Further information

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

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

**Industry Mall (Online ordering system)**

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

**Cax online generator**

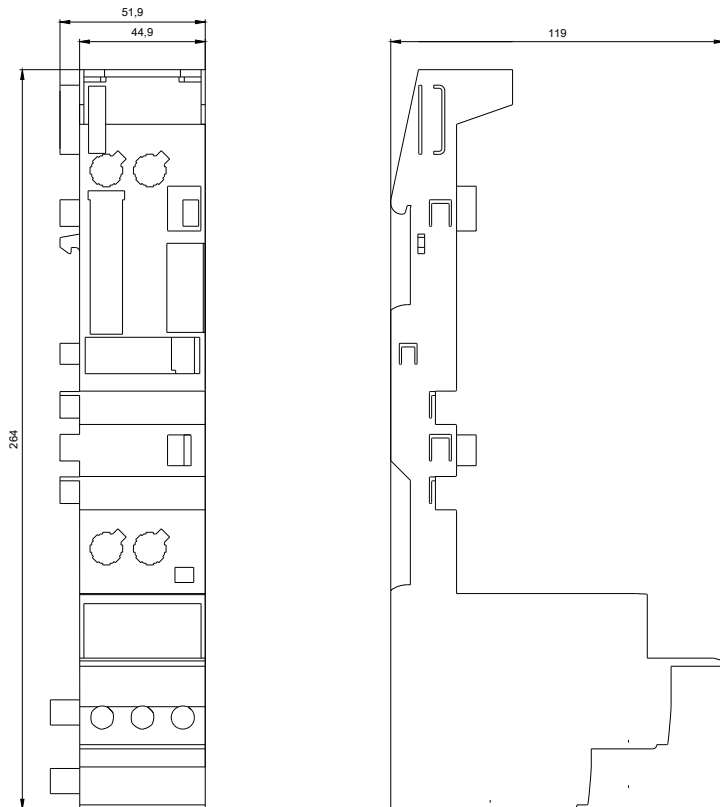
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK19030AB10>

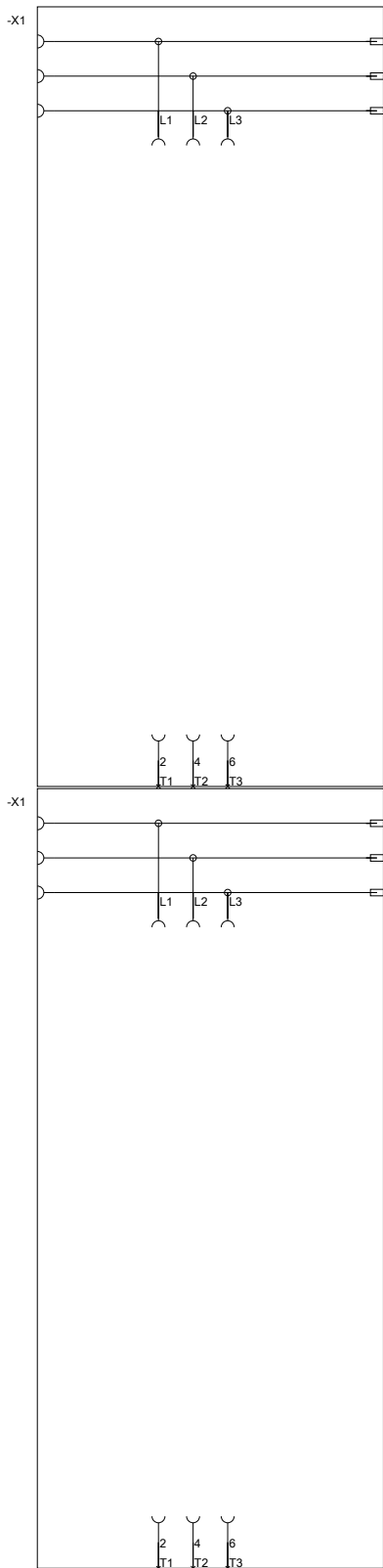
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

<http://support.automation.siemens.com/WW/view/en/3RK19030AB10/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RK19030AB10&lang=en>





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