



circuit breaker 3VT2 standard breaking capacity I_{cu} =36kA, 415V AC 3-pole; circuit breaker w/o Electronic Trip Unit without auxiliary release without auxiliary/alarm switch

Model	
product brand name	SENTRON
product designation	3VT1_5 molded case circuit breakers
design of the actuating element	toggle handle
type of the driving mechanism motor drive	No
General technical data	
number of poles	3
size of the circuit-breaker	3VT2
mechanical service life (operating cycles) typical	30 000
electrical endurance (operating cycles) typical	3 000
utilization category	A
performance class for circuit breaker	N
operating frequency maximum	120 1/h
Voltage	
surge voltage resistance rated value	8 kV
Protection class	
protection class IP	IP40
Dissipation	
power loss [W] for rated value of the current at AC in hot operating state per pole	6 W
Main circuit	
operating frequency	
• 1 rated value	50 Hz
• 2 rated value	60 Hz
operational current rated value	250 A
Auxiliary circuit	
number of CO contacts for auxiliary contacts	0
number of NC contacts for auxiliary contacts	0
number of NO contacts for auxiliary contacts	0
Suitability	
suitability for use	Contact unit without release
suitability for use disconnecting means	Yes
Product details	
product component	
• trip indicator	No
• auxiliary switch	No
• voltage trigger	No
• undervoltage release	No
• undervoltage release with leading contact	No
product extension optional motor drive	Yes

Product function		
product function		
• grounding protection		No
• for neutral conductors short-circuit and overload proof		No
• phase failure detection		No
• overload protection		No
Short circuit		
operating short-circuit current breaking capacity (Ics)		
• at 240 V rated value		30 kA
• at 415 V rated value		18 kA
• at 500 V rated value		8 kA
• at 690 V rated value		5 kA
maximum short-circuit current breaking capacity (Icu)		
• at 240 V rated value		60 kA
• at 415 V rated value		36 kA
• at 500 V rated value		16 kA
• at 690 V rated value		10 kA
Connections		
arrangement of electrical connectors for main current circuit		front side
type of electrical connection for main current circuit		screw-type terminals
Mechanical Design		
height		225 mm
width		105 mm
depth		117 mm
fastening method		fixed mounting
mounting position		with vertical mounting surface +/-180° rotatable, with vertical mounting surface +/- 30° tiltable to the front and back
net weight		3.314 kg
Environmental conditions		
ambient temperature during operation		
• minimum		-40 °C
• maximum		70 °C
ambient temperature during storage		
• minimum		-40 °C
• maximum		70 °C
Certificates		
reference code according to EN 61346-2		Q
reference code according to IEC 81346-2		Q
Approvals Certificates		
General Product Approval		Test Certificates other



[Type Test Certificates/Test Report](#)



other	Environment
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[Miscellaneous](#)

[Confirmation](#)

[Environmental Confirmations](#)

Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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

<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3VT2725-2AA36-0AA0>

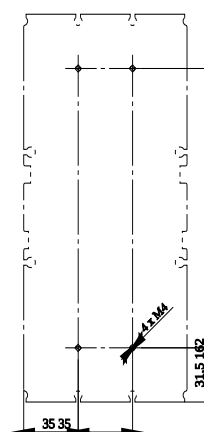
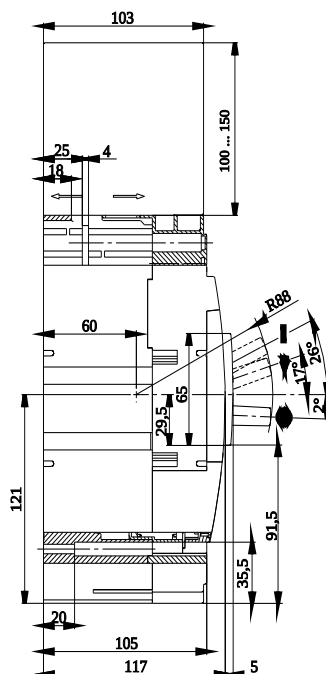
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

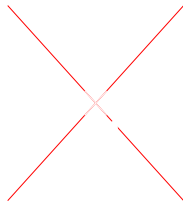
<https://support.industry.siemens.com/cs/ww/en/ps/3VT2725-2AA36-0AA0>

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VT2725-2AA36-0AA0

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

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





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