



switch disconnecter 3VT1 4-pole; switch disconnecter  $I_n=160A$  rated current without auxiliary release without auxiliary/alarm switch

Model	
product brand name	SETRON
product designation	3VT1_5 switch disconnecter
design of the actuating element	toggle handle
type of the driving mechanism motor drive	No
General technical data	
type of device	fixed mounting
size of the circuit-breaker	3VT1
mechanical service life (operating cycles) typical	20 000
degree of pollution	3
insulation voltage rated value	690 V
surge voltage resistance rated value	8 kV
operating voltage at DC rated value	250 V
protection class IP	IP40
protection class IP on the front	IP40
power loss [W] for rated value of the current at AC in hot operating state per pole	15 W
operational current rated value	160 A
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 for integration distribution board	Yes
suitability for use <ul style="list-style-type: none"><li>main switch</li><li>switch disconnecter</li><li>EMERGENCY OFF switch</li><li>safety switch</li><li>maintenance/repair switch</li></ul>	<div>Yes</div> <div>Yes</div> <div>No</div> <div>No</div> <div>Yes</div>
color of the actuating element	black
product component <ul style="list-style-type: none"><li>trip indicator</li><li>voltage trigger</li><li>undervoltage release</li><li>undervoltage release with leading contact</li></ul>	<div>No</div> <div>No</div> <div>No</div> <div>No</div>
product extension auxiliary switch	No
product extension optional <ul style="list-style-type: none"><li>motor drive</li><li>voltage trigger</li></ul>	<div>Yes</div> <div>Yes</div>
display version for switch position indicator	Handle position
Short circuit	

short-circuit current making capacity (I <sub>cm</sub> ) for switch disconnector without fuse link rated value minimum	2.83 kA
arrangement of electrical connectors for main current circuit	front side
type of electrical connection for main current circuit	box terminal

#### Mechanical Design

depth	80 mm
fastening method	fixed mounting
mounting position	with vertical mounting surface +/-180° rotatable, with vertical mounting surface +/- 30° tiltable to the front and back
ambient temperature during operation	
• minimum	-40 °C
• maximum	55 °C
ambient temperature during storage	
• minimum	-40 °C
• maximum	55 °C

#### Certificates

reference code	
• according to EN 61346-2	Q
• according to IEC 81346-2	Q

#### Approvals Certificates

General Product Approval	Test Certificates
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[Confirmation](#)



[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=3VT1716-2EE46-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3VT1716-2EE46-0AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3VT1716-2EE46-0AA0](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VT1716-2EE46-0AA0)

CAX-Online-Generator

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

Tender specifications

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





