

fixed-mounted molded case circuit breaker w. handle frame 1600; 4AUX and trip alarm switch S24; Icu "H" Icu=85kA @ 415V, 3-pole ETU350, LSI, In=1250A rotary coding switch Ir=500...1250A Isd=1...10xIn, li=1.5...15xIn N conductor protec. adjustable opt. w. ext. CT; up to 200% rear vertical connection No communication connection, no measurement function Without additional alarm switch assembly With mechanical calling without 2nd auxiliary release With 1st auxiliary release, ST Shunt release 110-120 V AC/DC

Model	
product brand name	SENTRON
product designation	Molded case circuit breaker
design of the product	MCCB
design of the actuating element	toggel handle actuator
type of the driving mechanism	manual operating mechanism
type of the driving mechanism / motor drive	No
design of the overcurrent release	ETU350
General technical data	
number of poles	3
size of the circuit-breaker	1600 A
mechanical service life (switching cycles) / typical	1 000
circuit-breaker / Design	3VA2
Voltage	
insulation voltage / rated value	1 000 V
operating voltage / at AC / at 50/60 Hz / rated value	690 V
protection class IP	IP20
protection class IP / on the front	IP20
protection function of the overcurrent release	LSI
power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	47 W
Current	
operational current	
• at 40 °C / rated value	1 250 A
• at 45 °C / rated value	1 250 A
• at 50 °C / rated value	1 250 A
• at 55 °C / rated value	1 250 A
• at 60 °C / rated value	1 192 A
• at 65 °C / rated value	1 131 A
• at 70 °C / rated value	1 066 A
continuous current / rated value	1 250 A
adjustable current response value current	
• of the current-dependent overload release / full-scale value	1 250 A
• of instantaneous short-circuit trip unit / minimum	1 875 A
• of instantaneous short-circuit trip unit / maximum	18 750 A
short-time withstand current (Icw)	
• limited to 1 s / rated value	20 kA
• at AC / at 415 V / limited to 0.5 s / rated value	20 kA
Auxiliary circuit	
number of CO contacts / for auxiliary contacts	4
Suitability	
suitability for use	system protection
Adjustable parameters	
adjustable current response value current	

other			Dangerous Good	
Miscellaneous	Environmental Con- firmations	Miscellaneous	Dangerous Goods Information	Transport Informa- tion

Further information

Industry Mall (Online ordering system)
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3VA2712-6AC01-0AA5>
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<https://support.industry.siemens.com/cs/ww/en/ps/3VA2712-6AC01-0AA5>
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA2712-6AC01-0AA5
CAX-Online-Generator
<http://www.siemens.com/cax>
Tender specifications
<http://www.siemens.com/specifications>



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