

fixed-mounted circuit breaker 3-pole, size 2 $I_n=2500A$ to 500V, 50/60Hz AC $I_{cu}=66kA$ at 500V with mechanical lockout device with tripped signaling switch with tripped indicators Overcurrent release ETU37WT LSING Setting range according to FS with display With manual operating mechanism with memory with mechanical calling without 1st auxiliary release without 2nd auxiliary release With door sealing frame

Model	
design of the actuating element	Pushbutton
type of the driving mechanism	Manual operating mechanism with stored energy feature, with mechanical closing
type of the driving mechanism motor drive	No
design of the overcurrent release	ETU37WT
General technical data	
number of poles	3
size of the circuit-breaker	II
mechanical service life (operating cycles) typical	10 000
electrical endurance (operating cycles) typical	6 000
utilization category	B
Voltage	
insulation voltage rated value	690 V
insulation voltage (U_i) at AC rated value	1 000 V
surge voltage resistance rated value	12 kV
operating voltage	
• at AC at 50/60 Hz rated value	500 V
Protection class	
protection function of the overcurrent release	LSING
Main circuit	
operating frequency 1 rated value	50 Hz
Auxiliary circuit	
number of CO contacts for auxiliary contacts	0
number of NC contacts for auxiliary contacts	2
number of NO contacts for auxiliary contacts	2
operational current of auxiliary contacts at AC-15 at 230 V	6 A
Suitability	
suitability for use	Line / motor protection
suitability for use disconnecting means	Yes
Adjustable parameters	
adjustable current response value current of the short-time delayed short-circuit release	
• initial value	3 125 A
• full-scale value	30 000 A
adjustable current response value current of the current-dependent overload release initial value	1 000 A
Product details	
product component	
• auxiliary switch	Yes
• voltage trigger	No
• undervoltage release	No
product extension optional motor drive	Yes
Product function	
product function	
• of thermal overload trip unit	adjustable
• grounding protection	Yes

- for neutral conductors short-circuit and overload proof
- overload protection

Yes
Yes

Accessories

accessories

No further Z accessories

Short circuit

operating short-circuit current breaking capacity (Ics)

- at 240 V rated value
- at 415 V rated value
- at 500 V rated value

66 kA
66 kA
66 kA

maximum short-circuit current breaking capacity (Icu)

- at 240 V rated value
- at 400 V rated value
- at 415 V rated value
- at 440 V rated value
- at 480 V rated value
- at 500 V rated value

66 kA
66 kA
66 kA
66 kA
66 kA
66 kA

Connections

arrangement of electrical connectors for main current circuit

Main connection horizontal on rear (IEC 947-2 standard)

type of electrical connection for main current circuit

busbar connection

Mechanical Design

fastening method

fixed mounting

Net Weight

57 kg

Environmental conditions

ambient temperature during operation

- minimum
- maximum

-20 °C
70 °C

ambient temperature during storage

- minimum
- maximum

-40 °C
80 °C

Approvals Certificates

Environment

General Product Approval

[Environmental Con-
firmations](#)

[Confirmation](#)



[Miscellaneous](#)



Test Certificates

other

[Type Test Certific-
ates/Test Report](#)

[Confirmation](#)



Further information

Information on the packaging

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

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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

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

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3WT8252-6AA00-0AA2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3WT8252-6AA00-0AA2>

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

https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WT8252-6AA00-0AA2

CAX-Online-Generator

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

Tender specifications

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

Characteristic curves

https://curves.simarisiemens.com/curves/<mmp_prod_noCOMP="HAUPT"></mmp_prod_no>

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