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Data sheet 3WT8322-6AA00-0AA2

fixed-mounted circuit breaker 3-pole, size 2 In=3200A to 500V, 50/60Hz AC Icu=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	4 000
utilization category	B
Voltage	
insulation voltage rated value	690 V
insulation voltage (Ui) 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	4 000 A
● full-scale value	38 400 A
adjustable current response value current of the current-dependent overload release initial value	1 280 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

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● for neutral conductors short-circuit and overload proof	Yes
● overload protection	Yes
Accessories	
accessories	No further Z accessories
Short circuit	
operating short-circuit current breaking capacity (Ics)	
● at 240 V rated value	66 kA
● at 415 V rated value	66 kA
● at 500 V rated value	66 kA
maximum short-circuit current breaking capacity (Icu)	
● at 240 V rated value	66 kA
● at 400 V rated value	66 kA
● at 415 V rated value	66 kA
● at 440 V rated value	66 kA
● at 480 V rated value	66 kA
● at 500 V rated value	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	61 kg
Environmental conditions	
ambient temperature during operation	
● minimum	-20 °C
● maximum	70 °C
ambient temperature during storage	
● minimum	-40 °C
● maximum	80 °C

Approvals Certificates

Environment	General Product Approval		other
Environmental Confirmations	CE EG-Konf.	UK CA	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=3WT8322-6AA00-0AA2
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3WT8322-6AA00-0AA2
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WT8322-6AA00-0AA2
CAx-Online-Generator
https://www.siemens.com/cax
Tender specifications
https://www.siemens.com/specifications
Characteristic curves
https://curves.simaris.siemens.com/curves/<mmp_prod_noCOMP="HAUPT"></mmp_prod__no>

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