

Transformer Flux Conditioning Enclosure

With Integrated Bypass & SynchroTeq MV CSD

Smart Coding & Options Selection

2021-10-10



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VIZIMAX reference number

Enter option code to complete the part number
Choose among the following options

STM046000

1	2	3	4	5	6	7
M3	EN			C		

Transformer Flux Conditioning Enclosure with Integrated Bypass & SynchroTeq MV CSD

Fully integrated Controlled Switching Enclosure for Low-Medium voltage power transformer application: This metal paint enclosure includes a SynchroTeq MVX unit, an integrated Bypass logic and an innovative transformer flux conditioning feature for controlled operations of MV 3-pole (gang operated) switchgear. Integrated resistive voltage dividers allowing direct connection to line voltage. Standard communication link: two 100BASE-TX (RJ45 connector) Ethernet ports.	STM046000
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Enclosure Configuration

Mechanical enclosure configuration

Metal paint enclosure (500mm x 600mm x 250mm) with SynchroTeq MV unit mounted on the front door enclosure (bypass, manual TFC and local/remote selectors on front panel).	
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M3				C		
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Language

The selected language applies to the faceplate, documentation and software user interface

English	
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	EN			C		
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DC power supply voltage

The selected voltage applies to the main power supply

24 Vdc	
48 Vdc	
125 Vdc	
110 Vdc	

		1		C		
		2		C		
		3		C		
		5		C		

Time synchronization option

Standard (no additional option)	
IRIG-B time synchronization option Ref: RWC0Y0001	

			0	C		
			1	C		

Note: Option provided at an extra cost. Please contact your Sales Representative for more information.

Communication option

Standard with native IEC 61850 MMS server Ed.2 protocol (no additional option)	
SynchroTeq Communication Module supporting IEC 61850 MMS server Ed.1, Modbus slave (TCP and RTU), and DNP3 slave protocols and providing one 100BASE-TX (RJ45) and one multimode fiber optic 100BASE-FX (ST connectors) Ethernet ports, and two serial ports. Ref: RWK000016	
Media converter – 100BASE-TX to 100BASE-FX / fiber-optic interface: Fiber-optic: multimode type with ST connectors. Ref: STAMMST00	

				C	0	
				C	1	
				C	2	

Note: Option provided at an extra cost. Please contact your Sales Representative for more information.

Bypass configuration

Logical bypass with magnetic contactors (factory default configuration)	
Passive bypass with two diodes (No additional cost applies). <u>Note:</u> Open/Close command signals must have the capacity to drive up to three (3) CB coils.	

				C		0
				C		1

Smart Coding Example:

Controlled switching enclosure, English, 48Vdc, Logical bypass configuration, no additional option.

STM046000

M3	EN	2	0	C	0	0
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