

Controlled Switching Enclosure - STMV

Advanced Controlled Switching Enclosure for all types of Medium Voltage applications

Smart Coding & Options Selection

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VIZIMAX reference number

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

STM045000

1	2	3	4	5	6	7
M2	EN			Z		

SynchroTeq MV - Controlled Switching Enclosure

Fully integrated Controlled Switching Enclosure for all types of Medium Voltage applications:

This metal paint enclosure includes a SynchroTeq MVX unit and an integrated Bypass logic, for controlled operations of MV switchgear.

Standard communication link: two 100BASE-TX (RJ45 connector) Ethernet ports.

STM045000

Enclosure Configuration

1 - Mechanical enclosure configuration

Metal paint enclosure (500mm x 500mm x 250mm) with SynchroTeq MV unit mounted on the front door enclosure (bypass and Local/Remote selectors on front panel)

M2				Z		
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2 - Language

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

English

	EN			Z		
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3 - DC power supply voltage

The selected voltage applies to the main power supply

24 Vdc

48 Vdc

125 Vdc

110 Vdc

		1		Z		
		2		Z		
		3		Z		
		5		Z		

4 - Time synchronization option

Standard (no additional option)

IRIG-B time synchronization option

Ref: RWC0Y0001

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

			0	Z		
			1	Z		

6 - 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

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

				Z	0	
				Z	1	
				Z	2	

7 - Bypass configuration

Logical bypass with magnetic contactors (factory default configuration)

Passive bypass with two diode trios STA030302 (No additional cost applies).

Note: Open/Close command signals must have the capacity to drive up to three (3) CB coils.

				Z		0
				Z		1

Smart Coding Example:

Controlled switching enclosure with SynchroTeq MVX unit, English, 48Vdc, Logical bypass configuration, no additional option.

STM045000

M2	EN	2	0	Z	0	0
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