

# SynchroTeq® MV

Advanced Controlled Switching Device - CSD for Medium Voltage Switchgear, C/B and VCB

## Smart Coding & Options Selection

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VIZIMAX Reference Number

Enter your option codes to complete the part number

Choose among the following options

STM0	0000	-	1	2	3	4	5	6
							Z	0

### 1. SynchroTeq MV Unit Selection - STM0x0000

**SynchroTeq MVR** - Performs fixed angle switching strategies for MV shunt reactors, discharged capacitor banks, filters and power transformers without residual flux - See Note 1

STM0	1	0000
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Note 1 :

Includes 10x digital inputs (see 2.c Voltage Selection) + 10x digital outputs (3x Trip/Open - SSR + 3x Close - SSR + 2x Form C relays + 2x Form A relays) + 1x AC source voltage input + 3x inputs for inductive CT (/1 or /2 or /5Amp) + 2x Compensation Inputs (temperature + C/B coil voltage) + IEC61850 MMS Server Ed.2 (XCBR control model).

**SynchroTeq MVX** - Performs fixed angle strategies + MV power transformer energizations with residual flux management + switching & fast-switching of partially charged capacitor banks, harmonic filters and cables - See Note 2

STM0	3	0000
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Note 2 :

Includes 10x digital inputs (see 2.c Voltage Selection) + 10x digital outputs (3x Trip/Open - SSR + 3x Close - SSR + 2x Form C relays + 2x Form A relays) + 1x AC source voltage input + 3x AC load voltage inputs (for transformers with residual flux calculation or fast-switching of capacitor/filter) + 3x inputs for inductive CT (/1 or /2 or /5Amp) + 2x Compensation Inputs (temperature + C/B coil voltage) + IEC61850 MMS Server Ed.2 (XCBR control model).

### 2. SynchroTeq MV Configuration

#### Housing

Standard housing (No face plate)

Panel mount housing (12" Front panel mount, with panel cutout)

Rack mount housing (19" rack mount - 3U)

							Z	0
							Z	0
							Z	0

#### Language

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

English

Chinese

		EN					Z	0
		ZH					Z	0

#### Voltage

Your selection applies to the main power supply and digital inputs incl. 52a, status control and command inputs

24 Vdc

48 Vdc

125 Vdc

220 Vdc

110 Vdc

			1				Z	0
			2				Z	0
			3				Z	0
			4				Z	0
			5				Z	0

#### Services - Note 3

Standard (no additional service)

IRIG-B time synchronization option (Reference: RWC0Y0001)

Note 3 : RWC0Y0001 provided at an extra cost. Please contact your Sales Representative for more information.

				0			Z	0
				1			Z	0

#### Smart Coding example

SynchroTeq MVR Unit, 125Vdc, rackmount housing, English version with IRIG-B

STM0	1	0000	-	RM	EN	3	1	Z	0
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