

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	-						Z	0	0	N	N
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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



Note 1 :

Includes 10x digital inputs (see 2. 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 current inputs (for inductive CT) + 2x monitoring Inputs with compensation function (temperature + C/B coil voltage) + IEC61850 MMS Server Ed.2 (XCBR control model).

STM0	1	0000
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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



Note 2 :

Includes 10x digital inputs (see 2. 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 AC current inputs (for inductive CT) + 2x monitoring Inputs with compensation function (temperature + C/B coil voltage) + IEC61850 MMS Server Ed.2 (XCBR control model).

STM0	3	0000
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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	0	N	N
					Z	0	0	N	N
					Z	0	0	N	N

Language

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

English	
Chinese	

		EN			Z	0	0	N	N
		ZH			Z	0	0	N	N

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	0	N	N
			2		Z	0	0	N	N
			3		Z	0	0	N	N
			4		Z	0	0	N	N
			5		Z	0	0	N	N

Services

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

				0	Z	0	0	N	N
				1	Z	0	0	N	N

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

AC current measurement inputs

Standard (magnetic CT 1A or 5A)	
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					Z	0	0	N	N
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Smart Coding example

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

STM0	1	0000	-	RM	EN	3	1	Z	0	0	N	N
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