



- Reduced downtime
- Quick restoration
- Operational Safety
- Power Quality management

## Electronic Overcurrent Relays

### Digital EOCR

#### Protection

- Over Current-Definite & Inverse Time
- Under Current
- Phase Loss
- Phase Reversal
- Stall
- Jam
- Imbalance
- Earth Fault\*

#### Diagnostic

- Trip Cause
- Fault History-3 Faults (Cause & Current Value)

#### Measurement

- Load Current
- Ground Current\*
- Running Hours
- Load Current Bar Graph
- i-THD (Current Harmonic Distortion)

#### Other Features

- Modbus Communication\*
- 4-20 mA output for Motor Current\*
- Pre-Alarm Contact
- Suitable for 1 $\Phi$  & 3 $\Phi$  Motors
- Suitable for Low Frequency VFD Operation (10-100Hz)
- Available with Type-2

### Analog EOCR

#### Protection

- Over current
- Phase loss
- Locked rotor

#### Other Features

- Easy installation, with DIN Rail and Panel Mounting compatibility
- Trip cause display
- Manual/Electrical reset
- Testing Provision through Test Button
- Suitable for 1 $\Phi$  & 3 $\Phi$  Motors

\* In selected models

[se.com/in](http://se.com/in)

# TeSys Protect EOCR

## Digital EOCR



Digital EOCR Without Communication					
Current Range=0.5A-80A					
Control Voltage=100VAC-220VAC*					
Description	Display	Bottom Hole		Window Hole	
		Reference	Unit MRP [₹]	Reference	Unit MRP [₹]
Without Ground Fault Protection	Inbuilt	3DM2-WRDUHZ	21645	3DM2-WRDUWZ	21645
	Extended**	FDM2-WRDUHZ	23410	FDM2-WRDUWZ	23410
GF Protection with external CT	Inbuilt	3MZ2-WRAUHZ	21935	3MZ2-WRAUWZ	21935
	Inbuilt	3MZ2-WRCUHZ	21935	3MZ2-WRCUWZ	21935
	Inbuilt	3MZ2-WRDUHZ	21935	3MZ2-WRDUWZ	21935
	Extended**	FMZ2-WRAUHZ	26335	FMZ2-WRAUWZ	26335
	Extended**	FMZ2-WRCUHZ	26335	FMZ2-WRCUWZ	26335
	Extended**	FMZ2-WRDUHZ	26335	FMZ2-WRDUWZ	26335
GF Protection with inbuilt CT	Inbuilt	3BZ2-WRAUHZ	31840		
	Inbuilt	3BZ2-WRCUHZ	31840		
	Extended**	FBZ2-WRAUHZ	32355		
	Extended**	FBZ2-WRCUHZ	32355		


Digital EOCR with Modbus Communication					
Current Range=0.5A-80A					
Control Voltage=100VAC-220VAC*					
Description	Display	Bottom Hole		Window Hole	
		Reference	Unit MRP [₹]	Reference	Unit MRP [₹]
Without Ground Fault Protection	Inbuilt	I3DM-WRDUHZ	34775	I3DM-WRDUWZ	34775
	Extended**	IFDM-WRDUHZ	35000	IFDM-WRDUWZ	35000
GF Protection with external CT	Inbuilt	I3MZ-WRAUHZ	36980	I3MZ-WRAUWZ	36980
	Inbuilt	I3MZ-WRCUHZ	36980	I3MZ-WRCUWZ	36980
	Inbuilt	I3MZ-WRDUHZ	36980	I3MZ-WRDUWZ	36980
	Extended**	IFMZ-WRAUHZ	41890	IFMZ-WRAUWZ	41890
	Extended**	IFMZ-WRCUHZ	41890	IFMZ-WRCUWZ	41890
	Extended**	IFMZ-WRDUHZ	41890	IFMZ-WRDUWZ	41890
GF Protection with inbuilt CT	Inbuilt	I3BZ-WRAUHZ	42850		
	Inbuilt	I3BZ-WRCUHZ	42850		
	Extended**	IFBZ-WRAUHZ	43075		
	Extended**	IFBZ-WRCUHZ	43075		


\* Replace **U** with **B** in above reference for Control Voltage =24 V DC


\*\* Cable need to be purchased separately

Contact Customer Care for 4-20mA Output EOCR references & prices

## EOCR Accessories

Cable for Extended Display			
Description	Reference	Unit MRP [₹]	
 CABLE-RJ45 1 Meter	CABLE-RJ45-001	2500	
CABLE-RJ45 3 Meter	CABLE-RJ45-003	3265	

External CT for range extension up to 400A				
Current Range	CT Ratio	Reference	Unit MRP [₹]	
 100A	100:5	3CT-H1-100-Z	5510	
150A	150:5	3CT-HH-150-Z	6825	
200A	200:5	3CT-H2-200-Z	7455	
300A	300:5	3CT-H3-300-Z	7925	
400A	400:5	3CT-H4-400-Z	9325	

ZCT - Ground Fault Protection			
Description	Reference	Unit MRP [₹]	
 ZCT 35 M/M	ZCT-035-Z	6790	
ZCT 80 M/M	ZCT-080-Z	9325	
ZCT 120 M/M	ZCT-120-Z	15340	

Spare Display			
Description	Reference	Unit MRP [₹]	
EOCR-PDM Display	EOCR-PDM	10335	

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

NORMAL STOCK ITEMS

W.E.F. January 17<sup>th</sup>, 2024

# TeSys Protect

## Analog EOCR

### EOCR SS

- Without Display



Analog EOCR without Display			
Current Range (A)	Control Voltage	Reference	Unit MRP [₹]
0.5-6	24-240V AC/DC	EOCRSS-05S	6860
0.5-6	380-440V AC	EOCRSS-05W	5620
3-30	24-240V AC/DC	EOCRSS-30S	6860
3-30	380-440V AC	EOCRSS-30W	5620
5-60	24-240V AC/DC	EOCRSS-60S	6860
5-60	380-440V AC	EOCRSS-60W	5620

**Note:** 2 SPST output contacts  
For 60A or higher, combine 05T Type and an external CT (secondary 5A) for use

### EOCR SSD

- With Display (Operating Current & Trip Cause)



Analog EOCR with Display			
Current Range (A)	Control Voltage	Reference	Unit MRP [₹]
0.5-6	24-240V AC/DC	EOCRSSD-05S	10260
0.5-6	380-440V AC	EOCRSSD-05W	12635
3-30	24-240V AC/DC	EOCRSSD-30S	10260
3-30	380-440V AC	EOCRSSD-30W	10950
5-60	24-240V AC/DC	EOCRSSD-60S	10260
5-60	380-440V AC	EOCRSSD-60W	10950

**Note:** 2 SPST output contacts  
For 60A or higher, combine 05T Type and an external CT (secondary 5A) for use

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

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