

# **TCS RELAYS**

## **Trip Circuit Supervision Relays**

- ⇒ **TRP-10**
- ⇒ **TRP-20**
- ⇒ **TRP-25**



## PPEP/TCS Relays Type List

| Model                                                                                                                                                                   | TRP-10 | TRP-20 | TRP-25 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|
| <b>Functions</b>                                                                                                                                                        |        |        |        |
| Constant supervision current                                                                                                                                            | ■      | ■      | ■      |
| Front LED indicator (Normal & Fault)                                                                                                                                    | ■      | ■      | ■      |
| Front digital LCD indicator                                                                                                                                             |        |        |        |
| Front characteristic LCD (2 x 16) indicator with backlight                                                                                                              |        | ■      | ■      |
| <b>Display</b>                                                                                                                                                          |        |        |        |
| Number of faults                                                                                                                                                        |        | ■      |        |
| Number of open-close circuit breaker with date & time                                                                                                                   |        |        | ■      |
| Number of open-close C.B. and Number of faults with date & time                                                                                                         |        |        | ■      |
| <b>Menu</b>                                                                                                                                                             |        |        |        |
| Backlight<br>Com setting <sup>(1)</sup><br>Date & Time Setting <sup>(1)</sup><br>Operate delay<br>Password<br>Report <sup>(1)</sup><br>Reset<br>Setpoint <sup>(1)</sup> |        | ■      | ■      |
| <b>Outputs</b>                                                                                                                                                          |        |        |        |
| Alarm relay (DPDT) for fault & DC cutoff                                                                                                                                | 1      | 1      | 1      |
| Remote control relay (SPDT) for C.B. open and close                                                                                                                     |        |        | 2      |
| <b>Programmable Setpoint</b>                                                                                                                                            |        |        |        |
| Digital relay output alarm for count of circuit breaker open-close                                                                                                      |        |        | 1      |
| <b>Recording</b>                                                                                                                                                        |        |        |        |
| Standard memory capacity                                                                                                                                                |        |        | 300kB  |
| Number of open-close circuit breaker with date & time                                                                                                                   |        |        | ■      |
| Number of faults with date & time                                                                                                                                       |        |        | ■      |
| <b>Communications</b>                                                                                                                                                   |        |        |        |
| RS485                                                                                                                                                                   |        |        | ■      |
| <b>Software</b>                                                                                                                                                         |        |        |        |
| English / Farsi software for Management, Monitoring and Report                                                                                                          |        |        | ■      |

(1): Only for TRP-25 model.