



# DRC-018

## Technical Specification Remote Control for Schneider Sectionalizer (RL Series) via Smart Phone & RPM-Grid Software

Parameter/Function	Unit	Description
Remote Control for Schneider Sectionalizer (RL Series)		Remote Controller via Smart Phone for Schneider Sectionalizer (RL Series) & can be configured to RPM-Grid Software.
Supply Voltage Range	Vdc	12 - 36
Operation Temperature	°C	0 to 65
Ambient Temperature Range	°C	-10 to +70
Operating Humidity	%	30 to 95
Communication Interface		<ul style="list-style-type: none"> <li>• Serial (RS232).</li> <li>• GSM Communication.</li> <li>• GPRS Communication.</li> </ul>
Status LEDs		<ul style="list-style-type: none"> <li>• System running: blinking 1s.</li> <li>• System power: red LED is ON.</li> <li>• System network: green LED flashing.</li> </ul>
App & Software Tools Interface		<ul style="list-style-type: none"> <li>• PC application: RPM-Grid Software Solution.</li> <li>• Mobile application: DRC-018 Android App.</li> </ul>

### Remote Control Functions & Features

#### Control Functions:

Switchgear Control OPEN/CIOSE

Yes/No

Yes

#### Monitoring Features:

Measurement: Current, Voltage, Real Power, Reactive Power, Apparent Power, Power Factor.

Yes/No

Yes

Switchgear Position: (OPEN/CLOSE)

Yes/No

Yes

System Frequency: 50(Hz)/60(Hz)

Yes/No

Yes

Control Mode: Local/Remote

Yes/No

Yes

ADVC Time & Date

Yes/No

Yes

Battery Voltage

Yes/No

Yes

GSM Signal Strength (1-30)

Yes/No

Yes

Controller Location on Map

Yes/No

Yes

#### Setting Features:

Tracking Abiltiy

Yes/No

Yes

AC Source Supply OFF Alarm (Enable/Disable)

Yes/No

Yes

Switchgear OFF Alarm (Enable/Disable)

Yes/No

Yes



<b>Alarm Notifications:</b>		
AC Source Supply OFF Alarm	Yes/No	Yes
Switchgear OFF Alarm	Yes/No	Yes
CB 220V Switch OFF Alarm	Yes/No	Yes
System Low Battery Alarm	Yes/No	Yes
<b>Software Management:</b>		
Add/Remove User	Yes/No	Yes
Add/Remove Controller (DRC-018)	Yes/No	Yes
View all Controller (DRC-018)	Yes/No	Yes
View all Users	Yes/No	Yes
Check and Top Up Balance	Yes/No	Yes
<b>Reporting &amp; Event Logs:</b>		
User Switchgear Control Event Logs	Yes/No	Yes
<b>Call Control Features</b>		
<b>Key Tone Control Features:</b>		
Read Switchgear Position (OPEN/CLOSE)	Yes/No	Yes
Call Control Switchgear (OPEN/CLOSE)	Yes/No	Yes
Feeder Measurement (Current, Voltage, Power)	Yes/No	Yes
<b>Language &amp; Voice Support:</b>		
Language: Khmer	Yes/No	Yes
Call Control Instruction	Yes/No	Yes
<b>Physical Specifications</b>		
<b>Position Mounting</b>		The Remote Control (DRC-018) is connected & mounted inside the Schneider Sectionalizer (RL Series) Cabinet.
Dimension	mm	W=28 x L=120 x H=80
Weight	mg	200

