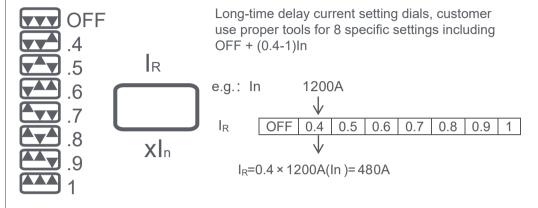


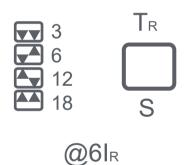
Long-time delay protection current setting



Thermal memory function: protect load circuits against the affects of repeated overload conditions.

When circuit breaker immediately closes after a long-time trip, and the continuous current exceeds the long-time setting value (Ir), thermal memory function will automatically reduce the trip time. Given repeated overload current, thermal memory function will make circuit breaker trip in gradually reduced time. When the load current resumes normally, thermal current function will start to reset. It will totally reset in about 1 hour. So next long-time trip time will correspond to the setting value. Thermal memory function will be cleared in OFF setting.

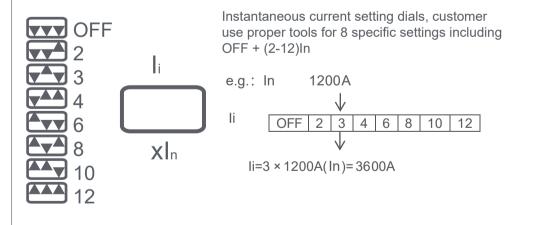
Long-time delay protection time setting



Long-time delay time setting dials, customer use proper tools for 4 specific settings (3-18)s of overcurrent at $6xI_R$

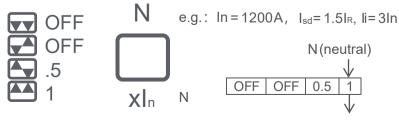
	T _R
≤1.05l _R	≥2h not trip
≤1.31 _R	<1h trip
6I _R	3s
	6s
	12s
	18s

Instantaneous protectioin current setting



Neutral protection setting

Neutral setting dials, customer use proper tools for 4 specific settings including (OFF + OFF + 0.5ln + 1ln)



Neutral long-time delay protection Neutral short-time delay protection Neutral instantaneous protection $I_R(N)=1 \times I_N = 1200A$ $I_{sd}(N)=1.5 \times I_R(N)=1800A$ $I_{i}(N)=3 \times I_N = 3600A$

Coperation panel LED light dial switch Run Goff la Goff N Goff

LED indication



Monitor status

In normal mode, "Working" light flashes, when there is any error in magnetic flux connection, sensor connection, control voltage or MCU unit, "Working" light will stop flashing and remain OFF.



Alarm indication

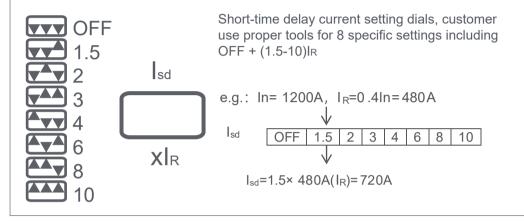
If actual current I≥90%IR, LED indicates Yellow. I < 90%IR, Yellow is OFF.



Overload indication

If actual current I≥105%IR, LED indicates Red. I < 105%IR, Red is OFF.

Short-time delay protection current setting

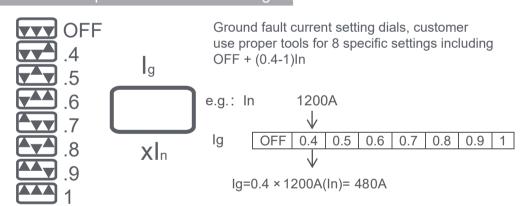


Short-time delay protection time setting

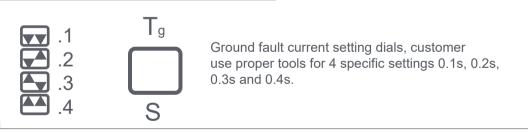


Short-time delay time setting dials, customer use proper tools 4 specific settings 0.1s, 0.2s, 0.3s and 0.4s.

Ground fault protection current setting



Ground fault protection time setting



Frequency selection setting



Frequency setting dials, customer use proper tools for setting 50Hz and 60Hz according to the actual grid frequency.

