

Settings Conversion Calculator

MODERNIZATION MADE EASY

The Utility Relay Company AC-PRO-II Settings Conversion Calculator allows a breaker's existing trip unit settings to be converted to similar settings for AC-PRO-II trip units. There are drop down boxes in the Yellow fields that can be selected by choosing the Existing Trip Unit, the New AC-PRO-II Trip Unit along with Existing Sensor, Plug Ratings and Pickup Settings, etc. The Settings Conversion Calculator fills in the Green fields for new comparable settings.

Start Your Modernization

The Settings Conversion Calculator is intended to be used as a starting point to match existing settings. Converted settings may not exactly match existing. Final settings should be determined by a Protection Engineer or other Qualified Person. Settings affect Safety, Equipment (assets), Processes, etc. The process of determining settings requires additional information such as application-specific studies. These studies can include Short Circuit, Protection/Coordination, Arc Flash, etc. Simply converting existing settings may not be adequate or appropriate. URC is not responsible for determining adequacy, appropriateness or results of improper settings.

The Settings Conversion Calculator is compatible with:

- ABB MPS-3/4/5
- ABB ITE SS-3/4/5
- Amptector I-A
- Amptector II-A
- Digitrip 510 DS/DSII
- Digitrip 510 SPB
- Siemens Static Trip II
- Siemens Static Trip III
- Schneider / Square D SE Micrologic Series B
- GE MVT PLUS/PM AKR
- GE MVT PLUS/PM PBII
- GE MVT PLUS/PM R/TP,TC,TR
- GE MVT PLUS/PM WavePro
- GE MVT RMS-9 AKR
- GE MVT RMS-9 TP,TC,TJH,THK
- GE ECS
- GE SST AK-15/25
- GE SST AKR-30
- GE SST AK/AKR-50
- GE SST AKT/AKRT-50
- GE SST AK-75
- GE SST AKR-75
- GE SST AK/AKR-100
- GE Versatrip (MOD1)
- GE Versatrip MOD2
- More on the way!

More trip units are continually being added. Looking for a specific trip unit? Let us know what other trip units you would like included.

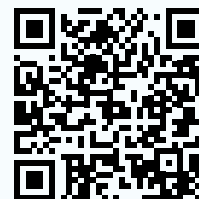
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URC Utility Relay Company				Version: G6d1
AC-PRO/AC-PRO-II Retrofit Conversion Calculator				
Phase / Ground Protection		Choose Drop Down Data in Highlighted "Yellow" Cells Below		
Choose Existing Trip Unit	Digitrip 510 DS/DSII	Retrofit Trip Unit	AC-PRO-II	
Existing Sensor (S) / Tap Setting	800 (Replace CTs)	New Sensor (S)--Pri/Sec Rating	1175	1
Existing Plug (P) rating	250	Comparative Settings		
Existing Long Time Pickup (LTP)	1.00	New Long Time Pickup Amps	250	
Existing Long Time Delay (LTD)	10	New Long Time Delay Seconds	8.0	
Existing Short Time Pickup (STP)	3.00	New Short Time Pickup Amps	800	
Existing Short Time Delay (STD)	0.4	New Short Time Delay Seconds	0.3	
Existing I ² t Ramp	ON	New I ² t Ramp	ON	
Existing Instantaneous Pickup (I)	OFF	New Instantaneous Pickup Amps	OFF	
Existing Ground Fault Pickup (GF)	E	New Ground Fault Pickup Amps	230	
Existing Ground Fault Delay (GFD)	0.40	New Ground Fault Delay Seconds	0.3	
Existing GF I ² t Ramp	OFF	New Ground Fault I ² t Ramp	OFF	

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PLEASE NOTE: If "#N/A" or "#VALUE!" appear in **New Settings**, please check your dropdown values.

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