

This document is intended to provide the menu structure of the isoPV425 ground fault detector, along with a checklist of entered settings for the device. For instructions on installation and use of the isoPV425 and AGH420, refer to the user manual and installation bulletin. This document is intended as a supplement and not a replacement to the complete user manual.

Only qualified maintenance personnel shall operate or service this equipment. These instructions should not be viewed as sufficient for those who are not otherwise qualified to operate or service this equipment. This document is intended to provide accurate information only. No responsibility is assumed by BENDER for any consequences arising from use of this document.



	Description	Range	Factory Default	Your Settings / Notes
AL	Alarm value 1 (prealarm)	1 - 500 kΩ	10 kΩ	<input type="text"/>
> R 1	Alarm value 2 (main alarm)	1 - 500 kΩ	5 kΩ	<input type="text"/>
> R 2	Undervoltage alarm	30 - 1149 V	OFF	<input type="text"/>
< U	Overvoltage alarm	31 - 1150 V	OFF	<input type="text"/>
> U	Latching behavior (Fault memory)	ON (latching) / OFF (non-latching)	OFF (non-latching)	<input type="text"/>
OUT	Relay K1 operation (failsafe / non-failsafe)	N/O (normally de-energized) / N/C (normally energized)	N/C (normally energized)	<input type="text"/>
M	Relay K2 operation (failsafe / non-failsafe)	N/O (normally de-energized) / N/C (normally energized)	N/C (normally energized)	<input type="text"/>
K1 OP	Address for BENDER RS-485 bus	3 - 90	3	<input type="text"/>
K2 OP	Relay K1 trips on device error	ON / OFF	ON	<input type="text"/>
Adr	Relay K1 trips on prealarm at L1/+ or symmetrical	ON / OFF	ON	<input type="text"/>
R1	Relay K1 trips on prealarm at L2/- or symmetrical	ON / OFF	ON	<input type="text"/>
ERR	Relay K1 trips on main alarm at L1/+ or symmetrical	ON / OFF	OFF	<input type="text"/>
+ R1	Relay K1 trips on main alarm at L2/- or symmetrical	ON / OFF	OFF	<input type="text"/>
- R1	Relay K1 trips on undervoltage	ON / OFF	OFF	<input type="text"/>
+ R2	Relay K1 trips on overvoltage	ON / OFF	OFF	<input type="text"/>
- R2	Relay K1 trips on device self-test	ON / OFF	ON	<input type="text"/>
< U	Relay K2 trips on device error	ON / OFF	ON	<input type="text"/>
> U	Relay K2 trips on prealarm at L1/+ or symmetrical	ON / OFF	ON	<input type="text"/>
Tes	Relay K2 trips on prealarm at L2/- or symmetrical	ON / OFF	ON	<input type="text"/>
R2	Relay K2 trips on main alarm at L1/+ or symmetrical	ON / OFF	OFF	<input type="text"/>
ERR	Relay K2 trips on main alarm at L2/- or symmetrical	ON / OFF	OFF	<input type="text"/>
+ R1	Relay K2 trips on undervoltage	ON / OFF	OFF	<input type="text"/>
- R1	Relay K2 trips on overvoltage	ON / OFF	OFF	<input type="text"/>
+ R2	Relay K2 trips on device self-test	ON / OFF	ON	<input type="text"/>
- R2	Startup dela (applies only on device startup)	0 - 10 s	0 s	<input type="text"/>
< U	Response delay	0 - 99 s	0 s	<input type="text"/>
> U	Delay on release (to return to normal state)	0 - 99 s	0.5 s	<input type="text"/>
Tes	Occurance of internal self-test	OFF / 1hr / 24 hr	24 hr	<input type="text"/>