

CPS Troubleshooting

⚠ WARNING
IMPROPER INSTALLATION

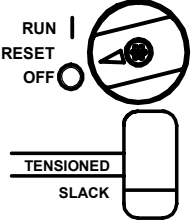
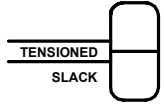
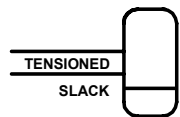
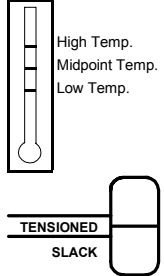
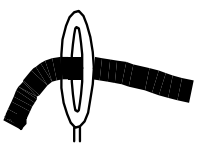
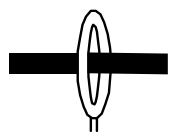
- Consult with local safety agencies and their requirements when designing a machine control link, interface and all control elements that affect safety.
- Strictly adhere to all installation instructions.

Failure to comply with these instructions could result in death or serious injury.


GENERAL INFORMATION

Table 1 gives troubleshooting information for the 1CPS and 2CPS Cable Pull Switches (CPS).

TABLE 1

Symptom/Indication		Cause	Remedy
1.	<ul style="list-style-type: none"> • CPS reset knob will not rotate from OFF to RUN position. • Cable tension indicator is not in center of tension window. 	Cable is not properly tensioned.	Properly tension the cable according to product installation instructions. (See also symptoms 3 and 4.) 
2.	<ul style="list-style-type: none"> • CPS trips when ambient temperature increases or decreases in the installed area. • Cable tension indicator not in center of tension window. 	Cable is not properly tensioned due to thermal expansion/contraction. (It may have been installed when ambient temperature was not in the midpoint of the local temperature range.)	If the system was installed at an extreme temperature, the tensioning should be fine-tuned when the temperature is at the midpoint. 
3.	CPS does not trip when cable is pulled.	Cable is pinched somewhere along its span.	<ul style="list-style-type: none"> • Ensure cable is installed correctly over span. • Check for and remove any obstructions to the cable.  
4.	Cable will not retract once pulled.	<ul style="list-style-type: none"> • Cable has too much resistance due to bends in the run. • Cable is pinched somewhere along its span. • CPS shaft is bent due to side-loading. 	<ul style="list-style-type: none"> • Straighten cable run as much as possible and use pulleys around curves. • Replace product if cable still will not retract. • Replace product if the shaft is bent.

CPS Troubleshooting

	Symptom/Indication	Cause	Remedy
5.	Control unit senses CPS is tripped but CPS is in the RUN condition. <div style="text-align: center; margin-top: 10px;">  </div>	Wiring connection to CPS has been severed or CPS is mis-wired.	<ul style="list-style-type: none"> • Examine and correct wiring and/or customer system requirements

WARRANTY/REMEDY

Honeywell warrants goods of its manufacture as being free of defective materials and faulty workmanship. Contact your local sales office for warranty information. If warranted goods are returned to Honeywell during the period of coverage, Honeywell will repair or replace without charge those items it finds defective. **The foregoing is Buyer's sole remedy and is in lieu of all other warranties, expressed or implied, including those of merchantability and fitness for a particular purpose.**

Specifications may change without notice. The information we supply is believed to be accurate and reliable as of this printing. However, we assume no responsibility for its use.

While we provide application assistance personally, through our literature and the Honeywell web site, it is up to the customer to determine the suitability of the product in the application.

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