

ATS Control Board



**D -Type ATS Magnet
(Distant) Control Board**



**A -Type ATS Magnet
(Close-in) Control Board**

D -Type ATS Magnet (Distant) Control Board

- This control board transmits the green (GR) aspects received from the interlocking system to the trackside ATS magnet.
- When a green aspect is commanded to the trackside magnet, the D-Type ATS Magnet (Distant) Control Board illuminates its integrated green indicator LED to provide positive status feedback to maintenance or operations personnel.
- The board is designed to return a feedback signal to the interlocking system in case of a fault or damage to either the cable connecting the control board to the trackside magnet or the cable from the interlocking itself, thereby maintaining fail-safe operation.
- Fail-safe relays have been incorporated to ensure a high level of system integrity and safety compliance.
- Compression-type terminal blocks are utilized to streamline installation and maintain secure, reliable connections.

A-Type ATS Magnet (Distant) Control Board

- This control board transmits the yellow (YR) and green (GR) aspects received from the interlocking system to the trackside ATS magnets.
- It provides user feedback by illuminating the corresponding indicator LEDs on the board according to the transmitted aspect (YR or GR).
- The A-Type ATS Magnet (Distant) Control Board is designed to return a feedback signal to the interlocking system in the event of any damage to the cable between the control board and the trackside magnet, or to the cable coming from the interlocking itself.
- If both YR and GR aspects are present simultaneously due to a cable fault, the board will prioritize and transmit the YR aspect to the trackside magnet.
- Fail-safe relays have been incorporated to ensure a high level of system integrity and safety compliance.
- Spring-cage terminal blocks are utilized to streamline installation and maintain secure, reliable connections.