# INTEGRATED DIN RAIL ATTACHMENT FEATURE FOR SUPERIOR ATTACHMENT


## Abstract

An electronics module includes a base and a cover connected to the base. The base includes a recess adapted to receive an associated mounting rail. At least one fixed rail constraining tab is located adjacent a first edge of the recess and is adapted to engage a first flange of the associated mounting rail. First and/or second latch arms are located adjacent a second edge of the recess that is opposite the first edge of the recess. The first and second latch arms are connected to a fixed portion of the second edge and project outwardly relative to opposite lateral sides of the fixed portion. Each of the first and second latch arms includes a rail capture tab. The first and second latch arms are selectively movable resiliently to and from latched and unlatched positions, wherein the rail capture tabs of the first and second latch arms project beyond the fixed portion of the second edge and into the recess when the first and second latch arms are located in their respective latched positions, and wherein the rail capture tabs of the first and second latch arms are withdrawn relative to the fixed portion of the second edge when the first and second latch arms are located in their respective unlatched positions. The cover or other portion of the module defines first and second receiving locations that receive and retain portions of the first and second latch arms when the first and second latch arms are located in their respective latched positions.


FIG. 1