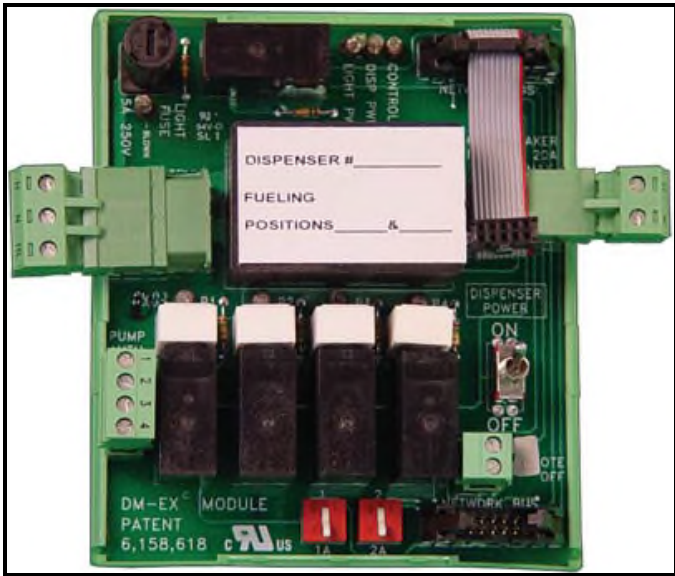


DISPENSER MANAGER-EX MODULE

Figure 6: DM-EX Module



The DM-EX Dispenser Module is a component of the Dispenser Manager-EX and is a primary subsystem of the Square D® Integrated Power Center (IPC), a prefabricated electrical system. The module meets electrical and operational requirements for MPD fueling controls.

Product Features

- The following components and requirements are pre-engineered on the DM-EX module:
- Emergency shutdown of fueling system
 - Electrical interface to submersible pump controls and tank monitoring systems
 - Power relay mounted on each module provides NEC®–Article 514 required disconnect of both hot and neutral conductors
 - Four product-isolation relays for multiphase and maintenance isolation, including status LED indication for diagnostics
 - Separate relay control for dispenser topper lighting by Lighting Manager-5CB (also shuts down with the dispenser power)
 - Dispenser power switch for manual shutdown of an individual MPD by a third party monitoring device
 - Remote off terminals for automatic and/or manual shutdown of an individual MPD (for product leaks)
 - DIN-rail mountable and network bus connections provide easy plug and pump expandability
 - Status indicator pilot lights for dispenser diagnostics
 - Two alternate pump selector switches control up to six submersible pumps, eliminating dispenser misphasing and the dangerous voltage backfeeds associated with conventionally-installed fueling systems
 - Separate fuse and blown fuse indicator pilot lights for lighting relay
 - Quick-connect wiring terminals for ease of installation and service
 - Compact size saves wall space over conventional electrical wiring methods
 - Meets the following standards:
 - US Patent Number: 6,158,618
 - UL® 508 Industrial Controls
 - NEC Article 514