

Array PD-ES

This 6U 19" rack module provides 125A of emergency stop switched power through four 32A three-phase Ceeform outlets.

All three-phase outlets are protected with an adjustable RCD. A single-phase auxiliary outlet is provided along with dual XLR7 data outputs for connection to Elevation1+ controllers.

The unit includes Transform 485 functionality providing an interface between Vector or K2 and Elevation1+.

The front panel features an integrated Emergency Stop button, status indicators, individual MCBs for each Ceeform outlet and an adjustable RCD. 'Power Present' status indicators are provided on both front and back panels.



Array PD-ES is the perfect marriage of power distribution and emergency stop control

Features

- Power distribution and emergency stop system contained in a 6U 19" rack enclosure
- Single-phase auxiliary outlet
- 4 x 32A three-phase individually switched Ceeform outlets
- Adjustable RCD
- Integrated Emergency Stop button

Mains Input/Output

- Powerlock or CamLok E1016 type single-pole connectors with through outlets
- 4 x 32A "Ceeform" type IEC60309 5-pole connectors
- 1 X 16A "Ceeform" type IEC60309 3-pole connector
- 1 x Outlet suitable for local territory e.g. Schuko/Edison

Control Connections

- Ethercon for connection to Vector/K2
- 2 x XLR7 outputs

Order Code	Description
ELE-03-0013	PD-ES - Powerlock In & Thru (UK only - 13A Socket)
ELE-03-0018	PD-ES - Powerlock In & Thru (Europe only - Schuko Socket)
ELE-03-0023	PD-ES - Camlock In & Thru (USA only - Edison socket)

SIL2 Emergency Stop

Array PD-ES provides a SIL2 PLd Emergency Stop function to an Elevation1+ system.

The Emergency Stop system conforms to the following standards:

EN ISO 13849-1:2006 Safety of machinery – Safety-related parts of control systems. Part 1: General principles for design
Emergency stop circuit complies to PLd

EN 62061:2005 Safety of machinery - Functional safety of safety-related electrical, electronic and programmable electronic control systems

Emergency stop circuit complies to SIL2

