

Route Control Units

Wayside and Station Platform Control Equipment can be custom configured for specific circuit requirements tailored to any project. Wall or pole mounting versions are available.



Exterior Box

- NEMA Type 4 and 12, 1.4mm (16 gauge steel)
- Dimensions: 13.78"h x 11.81"w x 7.87"d
- Exterior box key lock for entry
- Fastening holes in back of body for direct mounting or optional external mounting brackets

Interior Box

- Climate-proof KTW24 in accordance with DIN 50017
- Compliant with IEC 60529, IP66

Interior Panels

- 12 gauge steel with white polyester powder paint
- Dimensions: 13.04"h x 11.07"w

Key-Operated (Ronis Type) Switch

- 2 position, round
- Key removable in "Off" position, "On" position or both (specify type when ordering)

Contact Block

- 1 Normally Open contact (N/O), 1 Normally Closed Contact (N/C), or both
- Rated operational current 50/60 Hz, AC-12, 24V-400V, 10 Amp
- Rated operational current DC-12, 24V, 10 Amp

Rated Mechanical Operating Cycles

- 300,000 / mechanical throw 50°

***Specify all specific internal switch box or boxes and any external enclosure markings required, including letter sizes and font colors when ordering. Black letters on yellow is standard for the enclosure, while black letters on white is standard for internal console.*

Part Number	Description	Image
81E-D1-K2OCR-R	1 Double Internal Unit	
81E-D2-K2OCR-R	2 Double Internal Units	
81E-D4-K2OCR-R	4 Double Internal Units	
81E-D1S1-K2OCR-R	1 Double / 1 Single Internal Unit	
81E-D2S2-K2OCR-R	2 Double / 2 Single Internal Units	

Switch Machine Units

Similar to the Route Control Units in circuits, this control unit has been widely used for controlling the direction of traffic.



Exterior Box

- NEMA Type 4 and 12, 1.4mm (16 gauge steel)
- Dimensions: 13.78"h x 11.81"w x 7.87"d
- Exterior box key lock for entry
- Fastening holes in back of body for direct mounting or optional external mounting brackets which can be installed in a horizontal or vertical positions

Interior Box

- Drilled Die Cast Zinc
- NEMA Type 4, 13

Contact Block

- 1 Normally Open contact (N/O), 1 Normally Closed Contact (N/C), or both
- Silver Alloy (Ag/Ni), 600V, 10Amp

Interior Panel

- 12 gauge steel with white polyester powder paint
- Dimensions: 13.04"h x 11.07"w

Key-Operated Switch

- 2 position, round
- Key removable in "Off" position, "On" position or both (specify type when ordering)
- NEMA 1/2/3/4/4X/13

Push Button Switch

- Round chromium-plated metal.
- IP 65-NEMA 4X et 13

Custom labeling

- Interior & Exterior available

Part Number	Description	Image
81ET1-2PBORBK-2K2OB	See Description Above	