



LED Position Light Junction Indicator

Benefits

- > Network Rail Acceptance No PA05/01411 (module)
PA05/01755 (housing)
- > HMRI Certificate of Approval PR128732
- > Fully interchangeable with existing filament signals
- > Compatible with existing SSI and RRI installations
- > Increased infrastructure reliability and staff safety
- > Greatly reduced maintenance costs
- > LED light sources give a long and predictable service life
- > Constant light output throughout the life of the signal
- > Hinged assembly to enable easy cleaning and maintenance from a place of safety
- > Unique optical arrangement to reduce the possibility of a signal phantom
- > Nominal supply voltage 110V ac
- > Not affected by variations in supply voltage
- > LED aspects are sealed to IP65
- > Housing compliant with BRS-SE 152

<u>PADS No</u>	<u>Dorman Part No</u>	<u>Position</u>
086/021001	PLJIS/1-----/PO	1
086/021002	PLJIS/12----/PO	1 + 2
086/021003	PLJIS/—4--/PO	4
086/021004	PLJIS/---45-/PO	4 + 5
086/021005	PLJIS/1—4--/PO	1 + 4
086/021006	PLJIS/12-4--/PO	1 + 2 + 4
086/021007	PLJIS/1—45-/PO	1 + 4 + 5
086/021008	PLJIS/123---/PO	1 + 2 + 3
086/021009	PLJIS/---456/PO	4 + 5 + 6
086/021010	PLJIS/1234--/PO	1 + 2 + 3 + 4
086/021011	PLJIS/1—456/PO	1 + 4 + 5 + 6
086/021012	PLJIS/12345-/PO	1 + 2 + 3 + 4 + 5
086/021013	PLJIS/12-456/PO	1 + 2 + 4 + 5 + 6
086/021014	PLJIS/123456/PO	1 + 2 + 3 + 4 + 5 + 6
086/021015	PLJIS/12-45-/PO	1 + 2 + 4 + 5

Compliances

Railway Group Standards
Network Rail

GK/RT0031, GK/RT0037
BRS-SE 152, BRS-SE 156/1

Approvals

Unrestricted Network Rail Certificate No:
Junction Indicator Module
Housing

PA05/01411
PA05/01755

Key Specifications

Operating Temperature Range - 25°C to + 40°C
Nominal Operating Voltage 110Vac
Operating Voltage Range Max 121Vac Min 88Vac
Nominal Operating Current (per module) 250mA @ 110Vac
Nominal Operating Current of 5 Modules 1.250 A @ 110Vac

Current Proving

Relay Based Interlocking BR942
Solid State Interlocking (SSI) Return Current Path 3

Constant light output throughout voltage ranges and life of indicator

Light Output Colour

Lunar White BS1376 Class C (Restricted)

Estimated Service Life
(Depending upon ambient temperature and duty cycle) Approx 8 years

Aspect Configurations Any combination between
Positions 1 and 6

Sealing of LED Modules IP65
Sealing of Housing IP54

Weight

1 Arm Junction Indicator 43kg
2 Arm Junction Indicator 67kg
3 Arm Junction Indicator 91kg
4 Arm Junction Indicator 110kg
5 Arm Junction Indicator 135kg
6 Arm Junction Indicator 165kg

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Certificate No. FM14371