

Manufacturer:
Uriarte

Issue : 2
Valid From : 05-04-2019

BRES Enclosures

Product Description

The BRES range of enclosures are manufactured in Glass Reinforced Polyester and provide IP66 and IK10 protection.

The range of ancillary parts allows the mounting of equipment inside the enclosures and for the enclosures to be pedestal or post mounted.

A variety of pedestals suitable for the BRES enclosure range can be found within certificate PA05/06356 and PA05/06342

The pedestal is lockable allowing plug coupled cables to be used with the enclosure and is designed to interface with a standard small apparatus case concrete base to BRS-SC 32.

Product Image



Scope of Acceptance

Full Acceptance

This certificate authorises the use of the BRES enclosures and ancillary parts listed on this certificate as disconnection boxes, interface boxes, marshalling boxes and equipment boxes as part of a signalling system.

It is the responsibility of the designer to ensure that any equipment and components mounted within the enclosures is product approved for the application they are being used for. It is also the responsibility of the designer to ensure that any specific conditions associated with the enclosures, pedestals, ancillary parts and the equipment and components mounted in them are complied with.

Network Rail Acceptance Panel (NRAP) hereby authorises the product above for use and trial use on railway infrastructure for which Network Rail is the Infrastructure Manager under the ROGS regulations.

Reviewed by:



Steven Rennolds
Product Acceptance Specialist

Authorised by:



Jeremy Morling BSc, CEng, MIET, MIRSE
Professional Head – Control Command and Signalling

Certificate of Acceptance

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Specific Conditions

The following Conditions are specific to the approved product/s contained within this Certificate. These conditions must be adhered to in addition to the Network Rail General Conditions contained within the "General Terms and Conditions" section. Failure to adhere to these conditions may result in the withdrawal or suspension of Acceptance of some, or all of the items contained within the accepted configuration.

Manufacturer or Supplier

1. Shall provide copies of Certificates of Conformance with each enclosure or as otherwise directed by the Signalling Contractor/Network Rail for each Project.
2. Shall provide copies of O&M manuals (covering installation, maintenance, testing and tool list) to users & maintainers of the enclosure
3. As per General Terms & Conditions.

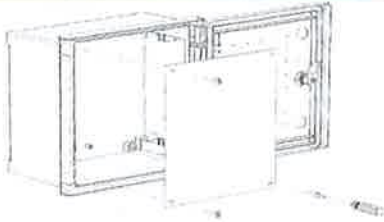
User

1. Shall ensure that all enclosure mounted in an approved manner.
2. A lockable pedestal shall be provided when used as part of a plug and play system to protect the plug couplers from unauthorised disconnection.
3. The IP66 integrity of the enclosure shall be maintained e.g. by use of appropriate rated cable glands and breathers.
4. As per General Terms & Conditions.

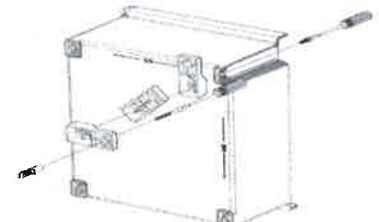
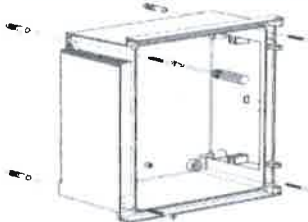
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Product Configuration



Wall mounting plate. Polyester or Galvanized Steel. Direct Wall mounting (double insulation holes)



Wall mounting brackets can be used in different positions

TABLE 1 – BRES STANDARD ENCLOSURES

MANUFACTURER	PART DESCRIPTION	OEM #	PADS #
URIARTE	STANDARD GRP ENCLOSURE. BRES-325	BRES-325	0086/000134

TABLE 2 – BRES 3 POINT LOCKING ENCLOSURES

MANUFACTURER	PART DESCRIPTION	OEM #	PADS #
URIARTE	GRP 3 POINT LOCK ENCLOSURE. BRES-43L	BRES-43-3L	0086/ 000135
URIARTE	GRP 3 POINT LOCK ENCLOSURE. BRES-44L	BRES-44-3L	0086/ 000136
URIARTE	GRP 3 PONT LOCK ENCLOSURE. BRES-54L	BRES-54-3L	0086/ 000137
URIARTE	GRP 3 PONT LOCK ENCLOSURE. BRES-64L	BRES-64-3L	0086/ 000138
URIARTE	GRP 3 PONT LOCK ENCLOSURE. BRES-65L	BRES-65-3L	0086/ 000139
URIARTE	GRP 3 PONT LOCK ENCLOSURE. BRES-83L	BRES-83-3L	0086/ 000140
URIARTE	GRP 3 PONT LOCK ENCLOSURE. BRES-86L	BRES-86-3L	0086/ 000141

TABLE 3 – WALL AND POLE MOUNTING

MANUFACTURER	PART DESCRIPTION	OEM #	PADS #
URIARTE	WALL MOUNTING KIT FOR COMPLETE BRES RANGE	OFM14	0086/ 000142
URIARTE	WALL MOUNTING KIT FOR COMPLETE BRES RANGE	OFM14-F	0086/ 000143
URIARTE	WALL MOUNTING KIT FOR COMPLETE BRES RANGE	OFM14-B	0086/ 000144
URIARTE	POLE MOUNTING KIT FOR COMPLETE BRES RANGE	USW-BRES	0086/ 000145
URIARTE	BRES 325 POLE KIT INCLUDING GRP PLATE , 1 POLE BRACKET BUILT IN WITH S/S FIXING BAND &	PP-USW-325-SP	0086/ 000146

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	SPRING WASHER FIXINGS (DIAMETER 160MM TO 370MM)		
URIAARTE	BRES 43 POLE KIT INCLUDING GRP PLATE , 2 POLE BRACKET BUILT IN WITH S/S FIXING BAND & SPRING WASHER FIXINGS	PP-2USW-43-SP	0086/ 000147
URIAARTE	BRES 44 POLE KIT INCLUDING GRP PLATE , 2 POLE BRACKET BUILT IN WITH S/S FIXING BAND & SPRING WASHER FIXINGS	PP-2USW-44-SP	0086/ 000148
URIAARTE	BRES 54 POLE KIT INCLUDING GRP PLATE , 2 POLE BRACKET BUILT IN WITH S/S FIXING BAND & SPRING WASHER FIXINGS	PP-2USW-54-SP	0086/ 000149
URIAARTE	BRES 64 POLE KIT INCLUDING GRP PLATE , 2 POLE BRACKET BUILT IN WITH S/S FIXING BAND & SPRING WASHER FIXINGS	PP-2USW-64-SP	0086/ 000150
URIAARTE	BRES 65 POLE KIT INCLUDING GRP PLATE , 2 POLE BRACKET BUILT IN WITH S/S FIXING BAND & SPRING WASHER FIXINGS (DIAMETER 160MM TO 370MM)	PP-2USW-65-SP	0086/ 000151
URIAARTE	BRES 83 POLE KIT INCLUDING GRP PLATE , 2 POLE BRACKET BUILT IN WITH S/S FIXING BAND & SPRING WASHER FIXINGS	PP-2USW-83-SP	0086/ 000152
URIAARTE	BRES 86 POLE KIT INCLUDING GRP PLATE , 2 POLE BRACKET BUILT IN WITH S/S FIXING BAND & SPRING WASHER FIXINGS	PP-2USW-86-SP	0086/ 000153

TABLE 4 – POLYESTER BASE PLATE 4MM

MANUFACTURER	PART DESCRIPTION	OEM #	PADS #
URIAARTE	POLYESTER ENCLOSURE MOUNTING PLATE FOR BRES-325	PBP 325	0086/ 000154
URIAARTE	POLYESTER ENCLOSURE MOUNTING PLATE FOR BRES-43/433L	PBP 43	0086/ 000155
URIAARTE	POLYESTER ENCLOSURE MOUNTING PLATE FOR BRES-44/443L	PBP 44	0086/ 000156
URIAARTE	POLYESTER ENCLOSURE MOUNTING PLATE FOR BRES-54/543L	PBP 54	0086/ 000157
URIAARTE	POLYESTER ENCLOSURE MOUNTING PLATE FOR BRES-64/633L	PBP 64	0086/ 000158

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URIARTE	POLYESTER ENCLOSURE MOUNTING PLATE FOR BRES-65/653L	PBP 65	0086/ 000159
URIARTE	POLYESTER ENCLOSURE MOUNTING PLATE FOR BRES-83/833L	PBP 83	0086/ 000160
URIARTE	POLYESTER ENCLOSURE MOUNTING PLATE FOR BRES-86/863L	PBP 86	0086/ 000161

TABLE 5 – LOCKING OPTIONS

MANUFACTURER	PART DESCRIPTION	OEM #	PADS #
URIARTE	LOCK AND KEY	CML-12	0086/ 000162
URIARTE	DOOR RETAINER KIT	BRES- RETAIN	0086/ 000163
URIARTE	11MM TRIANGULAR LOCK	CRT-11	0086/ 000164

TABLE 6 – PAD LOCKING OPTIONS

MANUFACTURER	PART DESCRIPTION	OEM #	PADS #
URIARTE	LOCK BY BLOCKING PADLOCK INOX	CBC-13-INOX	0086/ 000165

TABLE 7 – IP66 CONNECTING FLANGE

MANUFACTURER	PART DESCRIPTION	OEM #	PADS #
URIARTE	CONNECTING FLANGE FOR BRES 325 & 43	UA-230X100	0086/ 000166
URIARTE	CONNECTING FLANGE FOR BRES	UA-350X150	0086/ 000167
URIARTE	CONNECTING FLANGE FOR BRES	UA-350X150- B	0086/ 000168

TABLE 8 – STANDARD SPARE DOORS

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MANUFACTURER	PART DESCRIPTION	OEM #	PADS #
URIARTE	STANDARD GRP ENCLOSURE DOOR. BRES-325 (300X250)	PUB-325	0086/ 000169

TABLE 9 – SPARE 3 POINT LOCKING DOOR

MANUFACTURER	PART DESCRIPTION	OEM #	PADS #
URIARTE	GRP 3 POINT LOCK ENCLOSURE DOOR WITH PAD LOCKABLE HANDLE. BRES-43L (400X300)	PUB-43-3L-NR	0086/ 000170
URIARTE	POINT LOCK ENCLOSURE DOOR WITH PAD LOCKABLE HANDLE. BRES-44L (400X400)	PUB-44-3L-NR	0086/ 000171
URIARTE	PONT LOCK ENCLOSURE DOOR WITH PAD LOCKABLE HANDLE. BRES-54L (500X400)	PUB-54-3L-NR	0086/ 000172
URIARTE	PONT LOCK ENCLOSURE DOOR WITH PAD LOCKABLE HANDLE. BRES-64L (600X400)	PUB-64-3L-NR	0086/ 000173
URIARTE	PONT LOCK ENCLOSURE DOOR WITH PAD LOCKABLE HANDLE. BRES-65L (600X500)	PUB-65-3L-NR	0086/ 000174
URIARTE	PONT LOCK ENCLOSURE DOOR WITH PAD LOCKABLE HANDLE. BRES-83L (800X300)	PUB-83-3L-NR	0086/ 000175
URIARTE	PONT LOCK ENCLOSURE DOOR WITH PAD LOCKABLE HANDLE. BRES-86L (800X600)	PUB-86-3L-NR	0086/ 000176

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Assessed Documentation

Reference	Title	Doc. Rev.	Date and Applies to Cert. issue No.	
----	Uriarte BRES product list	A	May 2017	1
BRES test certificates	Certificates Uriarte Safybox BRES eng	A	May 2017	1
----	Data Sheet BRES-43 V3	A	May 2017	1
----	Data Sheet BRES-54 V3	A	May 2017	1
----	Data Sheet BRES-54	A	May 2017	1
----	Data Sheet BRES-64 V3	A	May 2017	1
----	Data Sheet BRES-65	A	May 2017	1
----	Data Sheet BRES-83 V3	A	May 2017	1
----	Data Sheet BRES-86 V3	A	May 2017	1
----	Data Sheet BRES-86	A	May 2017	1
----	Data Sheet BRES-352 V3	A	May 2017	1
----	Data Sheet BRES all base plates	A	May 2017	1
----	Data Sheet BRES all wire shutters	A	May 2017	1
----	Data Sheet BRES glazed door	A	May 2017	1
----	Data Sheet BRES internal door	A	May 2017	1
----	Data Sheet PBP-PBM 43 Electrical enclosure base plate	A	May 2017	1
----	Data Sheet PBP-PBM 54 GRP Enclosure base plate	A	May 2017	1
----	Data Sheet PBP-PBM 64 base plate non metallic enclosure	A	May 2017	1
----	Data Sheet PBP-PBM 83 base plate electrical cabinet	A	May 2017	1
----	Data Sheet PBP-PBM 86Base plate GRP box	A	May 2017	1
----	Data Sheet BRES assembly images	A	May 2017	1
----	Data Sheet Safybox BRES product range	A	May 2017	1
----	Data Sheet Uriarte BRES product list	A	May 2017	1
----	Data Sheet BRES-43 UL	A	May 2017	1
----	Data Sheet BRES-54 UL	A	May 2017	1
----	Data Sheet BRES-64 UL	A	May 2017	1
----	Data Sheet BRES-83 UL	A	May 2017	1
----	Data Sheet BRES-86 UL	A	May 2017	1
----	Data Sheet BRES-325 UL	A	May 2017	1
----	BRES range images	A	May 2017	1
----	Safybox BRES double insulation enclosure	A	May 2017	1

Certificate History

Issue	Date	Issue History
1	3.9.18	First issue. Full approval
2	5.4.19	Second update of the certificate to clarify manufacturer and supply details

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Contact Details

Manufacturer

Uriarte Safybox

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General Terms & Conditions

1) General

- 1) This certificate can only be amended by Network Rail Technology Introduction Group. Any alterations made by a different person will invalidate the entire certificate.
- 2) Failure to abide by the requirements in this Certificate of Acceptance may invalidate the certificate, thereby restricting the right to operate the product and / or limiting the future supply and deployment of the product on the infrastructure.
- 3) Upon the review date this certificate and the product it relates to is invalid and not accepted for use. Manufacturers are to make an application for a review prior to the review date.

2) Manufacturer

The Manufacturer shall:

- 1) Ensure that all products supplied comply with the standards defined in the Acceptance Requirements or otherwise documented as part of the assessment, including meeting the reliability requirements included in the Acceptance Requirements and in any deed of warranty for the relevant certificate number.
- 2) Notify Network Rail Technology Introduction Group:
 - a. Within 48 hours, of any deficiencies affecting the quality, functionality or safety integrity of the product (including corrective action undertaken or proposed).
 - b. Of any intended change to the accepted product; changes include:
 - i. a change to the product configuration (to the actual product or its application);
 - ii. a variation to or addition of manufacturing locations or processes;
 - iii. a change in the name or ownership of the manufacturing company;
 - iv. any changes to the ability or intention to support with technical services, spares or repairs.
- 3) The Manufacturer shall provide Network Rail Technology Introduction Group at least 12 (twelve) months notice of its intention to discontinue supply or to provide such notice as is reasonable if such discontinuance is outside its control and will offer the opportunity of a Last Time Buy to Network Rail together with date for last order placement and supply of the parts affected. The introduction of proposed alternative products shall be communicated to the Network Rail Technology Introduction Group.
- 4) Provide further copies of operating and maintenance manuals to purchasers / users of the product as necessary (including certificates of conformance, calibration etc).
- 5) Provide further copies of training manuals and an appropriate level of training to purchasers or users of the product as necessary.
- 6) Where applicable, specialist technical support, repairs and servicing of the product shall be carried out by the Original Equipment Manufacturer (OEM) or authorised agent only.
- 7) Network Rail may request information from the manufacturer to prove product compliance with clauses 1 and 2 above and reserve the right to suspend and/or withdraw any application where information is not forthcoming within a reasonable timeframe.
- 8) In accordance with Network Rail's Quality Assurance Policy Statement 2011, where the specification and/or Product Acceptance Certificates specify quality assurance classifications (QA1 to QA5) for the products, the manufacturer shall comply with the specified level of quality assurance for each product and allow Network Rail access to carry out its quality assurance checks.
- 9) The manufacturer shall give Network Rail's representatives access at all reasonable times to its premises and allow them to inspect its quality systems and production methods and, if requested, to inspect, examine and test the products both during and after their manufacture and the materials being used in their manufacture.

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3) Conditions of Use

Specifiers, installers, operators, maintainers, etc. using the product shall:

- 1) Comply with the certificate conditions. If a condition is not understood guidance must be sought from Network Rail Technology Introduction Group.
- 2) Check that the application of use complies with the relevant certificate's scope of acceptance.
- 3) Report any defect if it is a design or manufacturing fault likely to affect performance and/or the safe operation of the railway in writing to Network Rail Technology Introduction Group.
- 4) Inform Network Rail Technology Introduction Group in writing of a change to the product configuration (or to the actual product or its application).
- 5) Operate, maintain and service the product in accordance with Network Rail standards and Operation and Maintenance manuals as appropriate.
- 6) Be appropriately trained and authorised for the installation, maintenance and use of the product.
- 7) Only send products for repair or reconditioning to the Original Equipment Manufacturer (OEM) or authorised agent.
- 8) Users are to be aware that Product Acceptance is not a substitute for design approval.

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4) Compliance

Railways and Other Guided Systems (ROGS) Regulations

1) Where the product is to be used in areas where Network Rail is not the Infrastructure Manager (e.g. leased stations), the sponsor shall additionally obtain formal consent from the Infrastructure Manager for the locality where the equipment is to be installed. This may include a requirement for additional safety verification. The decision of that Infrastructure Manager is binding, and cannot be overridden by Network Rail except by the escalation processes established in the ROGS regulations

2) As required in Railway Group Standard GE/RT8270, at each use of this product the project or group responsible for installation and commissioning shall be required to demonstrate compatibility with:

- a. All rail vehicle types that have access rights over the area affected by the change
- b. Infrastructure managed by others
- c. Neighbours.

Railway Interoperability Regulations

3) For interoperable constituents of systems the project or group responsible for installation and commissioning shall be required to demonstrate compliance with the relevant Technical Specifications for Interoperability (TSI) where appropriate.

4) An authorisation from the national safety authority (i.e. the Railway Safety Directorate of the Office of Rail Regulation) is required before the equipment is to be used in revenue earning service.

5) Supply Chain Arrangements

1) Certificates of acceptance do not imply any particular quantity of supply nor any exclusivity of supply.

2) Products may be purchased by Network Rail or its agents, suppliers or contractors.

3) Manufacturers should note that it is not necessary to enter into any exclusive supply arrangements with resellers or other suppliers