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| Company Information | Additional Company/ Plant Detail | Confirmation Of Type Approval |
|---|-------------------------------------|----------------------------------|
| Horner APG, LLC 59 S. State Ave. Indianapolis IN 46201 United States | | |
| Tel 317-492-9112 Fax 317-639-4279 Email : brian.stuckey@heapg.com Website : http://heapg.com | | 07-HS275224-2-PDA |
| <i>Certificate Number Category Expiry Date</i> 14-JE2616081-X RQS 11/MAY/2019 | | |

| >Click Here to view more DetailsProductElectrical, Operator Control StationModelXLe: Series HE-XE 100, 102, 103, 104, 105; XLt: Series HE-XT 100, 102, 103, 104, 105.IntendedMarine & Offshore ApplicationServiceDescriptionDescriptionInput Voltage: 10 to 30 VDC Maximum; Temperature: 0 to 50° C (XLe Operator Control Stations); Temperature: -10 to 60° C (XLL Operator Control Stations); Enclosure: Type 1 Nonincendive Electrical Equipment for use in Class 1 & II, Division 2 Groups A, B, C & D and Class III Division 1 and 2 Groups A, B, C & D Hazardous (Classified) Locations (XLE Operator Control Stations); Enclosure: Type 4 Nonincendive Electrical Equipment for use in Class 1 & II, Division 2 Groups A, B, C & D and Class III Division 2 Groups A, B, C & D and Class III Division 1 and 2 Groups A, B, C & D and Class III Division 2 Groups A, B, C & D Hazardous (Classified) Locations (XLE Operator Control Stations); Enclosure: Type 4 Nonincendive Electrical Equipment for use in Class 1 & II, Division 2 Groups A, B, C & D and Class III Division 2 Groups A, B, C & D and Class III Division 2 Groups A, B, C & D and Class III Division 2 Groups A, B, C & D and Class III Division 2 Groups A, B, C & D and Class III Division 1 and 2 Groups A, B, C & D and Class III Division 2 Groups A, B, C & D and Class III Division 2 Groups A, B, C & D Hazardous (Classified) Locations (XLT Operator Control Stations); Enclosure: Type 4 Nonincendive Electrical Equipment for use in Class I & II, Division 2 Groups A, B, C & D Hazardous (Classified) Locations (XLT Operator Control Stations); Decource 1 Division 1 and 2 Groups A, B, C & D Hazardous (Classified) Locations (XLT Operator Control Stations); Division 1 and 2 Groups A, B, C & D Hazardous (Classified) Locations (XLT Operator Control Stations); Decource 1 The Manufacturer nas provided a declaration about the contro | | | | |
|--|----------------|--|--|--|
| ModelXLe: Series HE-XE 100, 102, 103, 104, 105; XLt : Series HE-XT 100, 102, 103, 104, 105.IntendedMarine & Offshore ApplicationServiceBuilt-in I/O Networking and Removable Mass Storage for Industrial Applications. May include OEM Machine Control to Machine Monitoring in a Plant Environment.RatingsInput Voltage: 10 to 30 VDC Maximum; Temperature: 0 to 50° C (XLe Operator Control Stations); Temperature: -10 to 60° C (XLL Operator Control Stations); Enclosure: Type 1 Nonincendive Electrical Equipment for use in Class I & II, Division 2 Groups A, B, C & D and Class III Division 1 and 2 Groups A, B, C & D and Class III Division 1 and 2 Groups A, B, C & D Hazardous (Classified) Locations (XLE Operator Control Stations); Enclosure: Type 4x Nonincendive Electrical Equipment for use in Class I & II, Division 2 Groups A, B, C & D and Class III Division 1 and 2 Groups A, B, C & D Hazardous (Classified) Locations (XLT Operator Control Stations)ServiceUnit Certification is not required for this product. If the manufacturer or purchaser's request an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspection standards and tolerances, must be clearly defined. 1) Not to be used in Control, Monitoring and Safety Systems of Propulsion Systems (Machinery, Boilers and Vital Auxiliary Pumps). 2) The OCS is certified for installation in a Type 1 Enclosure (XLe) or a Type 4x Enclosure (XLt).Notes, Drawing andSupporting Data: - ULS08 File E180220 Issued date 12 July 2007 Revised Date 14 February 2008; - MAN0868-01, Specifications/Installation XLE OCS Model HE-XE100, dated 12 Oct. 2007, 2 Pages; - MAN0808-07, Specifications/Installation XLE OCS Model HE-XE100, dated 12 Oct. 2007, 2 Pages; - MAN0808-07, Specifications/Installation XLE OCS Model HE-XE102, dated 1 | >> | Click Here to view more Details | | |
| Intended ServiceMarine & Offshore ApplicationServiceBuilt-in I/O Networking and Removable Mass Storage for Industrial Applications. May include OEM Machine Control to Machine Monitoring in a Plant Environment.RatingsInput Voltage: 10 to 30 VDC Maximum; Temperature: 0 to 50° C (XLe Operator Control Stations) ; Temperature: -10 to 60° C (XLt Operator Control Stations); Enclosure: Type 1 Nonincendive Electrical Equipment for use in Class I & II, Division 2 Groups A, B, C & D and Class III Division 1 and 2 Groups A, B, C & D Hazardous (Classified) Locations (XLE Operator Control Stations); Enclosure: Type 4x Nonincendive Electrical Equipment for use in Class I & II, Division 2 Groups A, B, C & D and Class III Division 1 and 2 Groups A, B, C & D Hazardous (Classified) Locations (XLT Operator Control Stations)ServiceUnit Certification is not required for this product. If the manufacturer or purchaser's request an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspection standards and tolerances, must be clearly defined. 1) Not to be used in Control, Monitoring and Safety Systems of Propulsion Systems (Machinery, Boilers and Vital Auxiliary Pumps). 2) The OCS is certified for installation in a Type 1 Enclosure (XLe) or a Type 4x Enclosure (XLt).CommentsThe Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product. The specific Functional and Operational Arrangements are to be approved for each Application.Notes, Drawing and and DocumentationSupporting Data: - UL508 File E180220 Issued date 12 July 2007 Revised Date 14 February 2008; -MAN0808-07, Specifications/Installation XLE OCS Model HE-XE100, dated 12 Oct. 2007, 2 Pages; -MAN0808-07, Specifications/Installation XLE OCS Model HE-XE102 | Product | Electrical, Operator Control Station | | |
| ServiceDescriptionBuill-in I/O Networking and Removable Mass Storage for Industrial Applications. May include OEM Machine Control to Machine Monitoring in a Plant Environment.RatingsInput Voltage: 10 to 30 VDC Maximum; Temperature: 0 to 50° C (XLe Operator Control Stations); Temperature: -10 to 60° C (XLt Operator Control Stations); Enclosure: Type 1 Nonincendive Electrical Equipment for use in Class I & II, Division 2 Groups A, B, C & D and Class III Division 1 and 2 Groups A, B, C & D Hazardous (Classified) Locations (XLE Operator Control Stations); Enclosure: Type 4x Nonincendive Electrical Equipment for use in Class I & II, Division 2 Groups A, B, C & D and Class III Division 1 and 2 Groups A, B, C & D Hazardous (Classified) Locations (XLT Operator Control Stations); Enclosure: Type 4x Nonincendive Electrical Equipment for use in Class I & II, Division 2 Groups A, B, C & D Hazardous (Classified) Locations (XLT Operator Control Stations); Enclosure: Type 4x Nonincendive Electrical Equipment for use in Class I & II, Division 2 Groups A, B, C & D Hazardous (Classified) Locations (XLT Operator Control Stations); Enclosure: Type 4x Nonincendive Electrical Equipment for use in Class I & II, Division 2 Groups A, B, C & D Hazardous (Classified) Locations (XLT Operator Control Stations); Enclosure: Type 4x Nonincendive Electrical Equipment for use in Class I & II, Division 2 Groups A, B, C & D Hazardous (Classified) Location (XLT Operator Control Stations); Systems of Propulsion Systems (Machinery, Boilers and Vital Auxiliary Pumps). 2) The OCS is certified for installation in a Type 1 Enclosure (XLe) or a Type 4x Enclosure (XLt).CommentsNet Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product. The specific Functional and Operational Arrangements are to be approved for each Application. | Model | XLe: Series HE-XE 100, 102, 103, 104, 105; XLt : Series HE-XT 100, 102, 103, 104, 105. | | |
| DescriptionBuilt-in I/O Networking and Removable Mass Storage for Industrial Applications. May include OEM Machine Control to Machine Monitoring in a Plant Environment.RatingsInput Voltage: 10 to 30 VDC Maximum; Temperature: 0 to 50° C (XLe Operator Control Stations); Temperature: -10 to 60° C (XLt Operator Control Stations); Enclosure: Type 1 Nonincendive Electrical Equipment for use in Class I & II, Division 2 Groups A, B, C & D and Class III Division I and 2 Groups A, B, C & D and Class III Division 1 and 2 Groups A, B, C & D and Class I & II, Division 2 Groups A, B, C & D and Class III Division 1 and 2 Groups A, B, C & D Hazardous (Classified) Locations (XLE Operator Control Stations); Enclosure: Type 4x Nonincendive Electrical Equipment for use in Class I & II, Division 2 Groups A, B, C & D and Class III Division 1 and 2 Groups A, B, C & D Hazardous (Classified) Locations (XLT Operator Control Stations)ServiceUnit Certification is not required for this product. If the manufacturer or purchaser's request an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspection standards and tolerances, must be clearly defined. 1) Not to be used in Control, Monitoring and Safety Systems of Propulsion Systems (Machinery, Boilers and Vital Auxiliary Pumps). 2) The OCS is certified for installation in a Type 1 Enclosure (XLe) or a Type 4x Enclosure (XLt).CommentsSupporting Data: - UL508 File E180220 Issued date 12 July 2007 Revised Date 14 February 2008; - MAN0868-01, Specifications/Installation XLE OCS Model HE-XE100, dated 12 Oct. 2007, 2 Pages; - MAN0868-01, Specifications/Installation XLE OCS Model HE-XE102, dated 12 Oct. 2007, 4 Pages; - Bulletin XL Series Operator Control Stations (QCS), 6 Pages; - Bulletin 0713, HA-102A, All-In-One Intellegent & Powerful Controls, 5 pages; | Intended | Marine & Offshore Application | | |
| Control to Machine Monitoring in a Plant Environment.RatingsInput Voltage: 10 to 30 VDC Maximum; Temperature: 0 to 50° C (XLe Operator Control Stations); Temperature: -10 to 60° C (XLt Operator Control Stations); Enclosure: Type 1 Nonincendive Electrical Equipment for use in Class I & II, Division 2 Groups A, B, C & D and Class III Division 1 and 2 Groups A, B, C & D Hazardous (Classified) Locations (XLE Operator Control Stations); Enclosure: Type 4x Nonincendive Electrical Equipment for use in Class I & II, Division 2 Groups A, B, C & D and Class III Division 1 and 2 Groups A, B, C & D Hazardous (Classified) Locations (XLT Operator Control Stations)ServiceUnit Certification is not required for this product. If the manufacturer or purchaser's request an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspection standards and tolerances, must be clearly defined. 1) Not to be used in Control, Monitoring and Safety Systems of Propulsion Systems (Machinery, Boilers and Vital Auxiliary Pumps). 2) The OCS is certified for installation in a Type 1 Enclosure (XLe) or a Type 4x Enclosure (XLt).CommentsThe Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product. The specific Functional and Operational Arrangements are to be approved for each Application.Notes, Drawing and Buporting Data: - UL508 File E180220 Issued date 12 July 2007 Revised Date 14 February 2008; - MAN0868-01, Specifications/Installation XLE OCS Model HE-XE100, dated 12 Oct. 2007, 2 Pages; - MAN0808-07, Specifications/Installation XLE OCS Model HE-XE102, dated 12 Oct. 2007, 4 Pages; - Bulletin XL Series Operator Control Stations (QCS), 6 Pages; - Bulletin XL Series Operator Control Stations (QCS), 6 Pages; - Bulletin 0713, HA-102A, All-In-One Intellegent & Powerful C | Service | | | |
| Ratings Input Voltage: 10 to 30 VDC Maximum; Temperature: 0 to 50° C (XLe Operator Control Stations); Temperature: -10 to 60° C (XLt Operator Control Stations); Enclosure: Type 1 Nonincendive Electrical Equipment for use in Class I & II, Division 2 Groups A, B, C & D and Class III Division 1 and 2 Groups A, B, C & D Hazardous (Classified) Locations (XLE Operator Control Stations); Enclosure: Type 4x Nonincendive Electrical Equipment for use in Class I & II, Division 2 Groups A, B, C & D and Class III Division 1 and 2 Groups A, B, C & D Hazardous (Classified) Locations (XLT Operator Control Stations) Service Unit Certification is not required for this product. If the manufacturer or purchaser's request an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspection standards and tolerances, must be clearly defined. 1) Not to be used in Control, Monitoring and Safety Systems of Propulsion Systems (Machinery, Boilers and Vital Auxiliary Pumps). 2) The OCS is certified for installation in a Type 1 Enclosure (XLe) or a Type 4x Enclosure (XLt). Comments The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product. The specific Functional and Operational Arrangements are to be approved for each Application. Notes, Drawing Supporting Data: - UL508 File E180220 Issued date 12 July 2007 Revised Date 14 February 2008; - MAN0868-01, Specifications//Installation XLE OCS Model HE-XE100, dated 12 Oct. 2007, 2 Pages; - MAN0868-01, Specifications//Installation XLE OCS Model HE-XE100, dated 12 Oct. 2007, 2 Pages; - Bulletin XL Series Operator Control Stations (OCS), 6 Pages; - Bulletin NL Series Operator Control Stations (OCS), 6 Pages; - Bulletin 0713, HA-102A, All-In-One Intellegent & Powerful Controls, 5 pages; | Description | Built-in I/O Networking and Removable Mass Storage for Industrial Applications. May include OEM Machine | | |
| Temperature: -10 to 60° C (XLt Operator Control Stations); Enclosure: Type 1 Nonincendive Electrical Equipment for use in Class I & II, Division 2 Groups A, B, C & D and Class III Division 1 and 2 Groups A, B, C & D Hazardous (Classified) Locations (XLE Operator Control Stations); Enclosure: Type 4x Nonincendive Electrical Equipment for use in Class I & II, Division 2 Groups A, B, C & D and Class III Division 1 and 2 Groups A, B, C & D Hazardous (Classified) Locations (XLT Operator Control Stations)ServiceUnit Certification is not required for this product. If the manufacturer or purchaser's request an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspection standards and tolerances, must be clearly defined. 1) Not to be used in Control, Monitoring and Safety Systems of Propulsion Systems (Machinery, Boilers and Vital Auxiliary Pumps). 2) The OCS is certified for installation in a Type 1 Enclosure (XLe) or a Type 4x Enclosure (XLt).CommentsThe Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product. The specific Functional and Operational Arrangements are to be approved for each Application.Notes, Drawing and DocumentationSupporting Data: - UL508 File E180220 Issued date 12 July 2007 Revised Date 14 February 2008; -MAN0868-01, Specifications/Installation XLE OCS Model HE-XE100, dated 12 Oct. 2007, 2 Pages; -MAN0868-01, Specifications/Installation XLE OCS Model HE-XE102, dated 12 Oct. 2007, 4 Pages; -Bulletin 0713, HA-102A, All-In-One Intellegent & Powerful Controls, 5 pages;Term OfThis Product Design Assessment (PDA) Certificate 07-HS275224-2-PDA, dated 30/Sep/2013 remains valid | | Control to Machine Monitoring in a Plant Environment. | | |
| Equipment for use in Class I & II, Division 2 Groups A, B, C & D and Class III Division I and 2 Groups A, B, C & D Hazardous (Classified) Locations (XLE Operator Control Stations); Enclosure: Type 4x Nonincendive Electrical Equipment for use in Class I & II, Division 2 Groups A, B, C & D and Class III Division I and 2 Groups A, B, C & D Hazardous (Classified) Locations (XLT Operator Control | Ratings | Input Voltage: 10 to 30 VDC Maximum; Temperature: 0 to 50° C (XLe Operator Control Stations) ; | | |
| & D Hazardous (Classified) Locations (XLE Operator Control Stations); Enclosure: Type 4x Nonincendive Electrical Equipment for use in Class I & II, Division 2 Groups A, B, C & D and Class III Division I and 2 Groups A, B, C & D Hazardous (Classified) Locations (XLT Operator Control Stations)ServiceUnit Certification is not required for this product. If the manufacturer or purchaser's request an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspectior standards and tolerances, must be clearly defined. 1) Not to be used in Control, Monitoring and Safety Systems of Propulsion Systems (Machinery, Boilers and Vital Auxiliary Pumps). 2) The OCS is certified for installation in a Type 1 Enclosure (XLe) or a Type 4x Enclosure (XLt).CommentsThe Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product. The specific Functional and Operational Arrangements are to be approved for each Application.Notes, DrawingSupporting Data: - UL508 File E180220 Issued date 12 July 2007 Revised Date 14 February 2008; - MAN08877-01, Specifications/Installation XLE OCS Model HE-XE100, dated 12 Oct. 2007, 2 Pages; - MAN0886-01, Specifications/Installation XLE OCS Model HE-XE100, dated 12 Oct. 2007, 2 Pages; - Bulletin XL Series Operator Control Stations (OCS), 6 Pages; - Bulletin 0713, HA-102A, All-In-One Intellegent & Powerful Controls, 5 pages;Term OfThis Product Design Assessment (PDA) Certificate 07-HS275224-2-PDA, dated 30/Sep/2013 remains valid | | Temperature: -10 to 60° C (XLt Operator Control Stations); Enclosure: Type 1 Nonincendive Electrical | | |
| Enclosure: Type 4x Nonincendive Electrical Equipment for use in Class I & II, Division 2 Groups A, B, C & D and Class III Division I and 2 Groups A, B, C & D Hazardous (Classified) Locations (XLT Operator Control Stations)ServiceUnit Certification is not required for this product. If the manufacturer or purchaser's request an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspectior standards and tolerances, must be clearly defined. 1) Not to be used in Control, Monitoring and Safety Systems of Propulsion Systems (Machinery, Boilers and Vital Auxiliary Pumps). 2) The OCS is certified for installation in a Type 1 Enclosure (XLe) or a Type 4x Enclosure (XLt).CommentsThe Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product. The specific Functional and Operational Arrangements are to be approved for each Application.Notes, Drawing and DocumentationSupporting Data: - UL508 File E180220 Issued date 12 July 2007 Revised Date 14 February 2008; - MAN0887-01, Specifications/Installation XLE OCS Model HE-XE100, dated 12 Oct. 2007, 2 Pages; - MAN0888-01, Specifications/Installation XLE OCS Model HE-XE102, dated 12 Oct. 2007, 2 Pages; - Bulletin XL Series Operator Control Stations (OCS), 6 Pages; - Bulletin 0713, HA-102A, All-In-One Intellegent & Powerful Controls, 5 pages;Term OfThis Product Design Assessment (PDA) Certificate 07-HS275224-2-PDA, dated 30/Sep/2013 remains valid | | Equipment for use in Class I & II, Division 2 Groups A, B, C & D and Class III Division I and 2 Groups A, B, C | | |
| and Class III Division I and 2 Groups A, B, C & D Hazardous (Classified) Locations (XLT Operator Control Stations)Service RestrictionsUnit Certification is not required for this product. If the manufacturer or purchaser's request an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspection standards and tolerances, must be clearly defined. 1) Not to be used in Control, Monitoring and Safety Systems of Propulsion Systems (Machinery, Boilers and Vital Auxiliary Pumps). 2) The OCS is certified for installation in a Type 1 Enclosure (XLe) or a Type 4x Enclosure (XLt).CommentsThe Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product. The specific Functional and Operational Arrangements are to be approved for each Application.Notes, Drawing and DocumentationSupporting Data: - UL508 File E180220 Issued date 12 July 2007 Revised Date 14 February 2008; - MAN0877-01, Specifications//Installation XLE OCS Model HE-XE100, dated 12 Oct. 2007, 2 Pages; - MAN0888-01, Specifications//Installation XLE OCS Model HE-XE102, dated 12 Oct. 2007, 2 Pages; - Bulletin XL Series Operator Control Stations (OCS), 6 Pages; - Bulletin O713, HA-102A, All-In-One Intellegent & Powerful Controls, 5 pages;Term OfThis Product Design Assessment (PDA) Certificate 07-HS275224-2-PDA, dated 30/Sep/2013 remains valid | | & D Hazardous (Classified) Locations (XLE Operator Control Stations); | | |
| Stations)Service RestrictionsUnit Certification is not required for this product. If the manufacturer or purchaser's request an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspection standards and tolerances, must be clearly defined. 1) Not to be used in Control, Monitoring and Safety Systems of Propulsion Systems (Machinery, Boilers and Vital Auxiliary Pumps). 2) The OCS is certified for installation in a Type 1 Enclosure (XLe) or a Type 4x Enclosure (XLt).CommentsThe Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product. The specific Functional and Operational Arrangements are to be approved for each Application.Notes, Drawing and DocumentationSupporting Data: - UL508 File E180220 Issued date 12 July 2007 Revised Date 14 February 2008; - MAN0877-01, Specifications/Installation XLE OCS Model HE-XE100, dated 12 Oct. 2007, 2 Pages; - MAN0868-01, Specifications/Installation XLE OCS Model HE-XE100, dated 12 Oct. 2007, 2 Pages; - Bulletin XL Series Operator Control Stations (OCS), 6 Pages; - Bulletin 0713, HA-102A, All-In-One Intellegent & Powerful Controls, 5 pages;Term OfThis Product Design Assessment (PDA) Certificate 07-HS275224-2-PDA, dated 30/Sep/2013 remains valid | | Enclosure: Type 4x Nonincendive Electrical Equipment for use in Class I & II, Division 2 Groups A, B, C & D | | |
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| RestrictionsCertificate for compliance with a specification or standard, the specification or standard, including inspection standards and tolerances, must be clearly defined. 1) Not to be used in Control, Monitoring and Safety Systems of Propulsion Systems (Machinery, Boilers and Vital Auxiliary Pumps). 2) The OCS is certified for installation in a Type 1 Enclosure (XLe) or a Type 4x Enclosure (XLt).CommentsThe Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product. The specific Functional and Operational Arrangements are to be approved for each Application.Notes, DrawingSupporting Data: - UL508 File E180220 Issued date 12 July 2007 Revised Date 14 February 2008; - MAN0877-01, Specifications//Installation XLE OCS Model HE-XE100, dated 12 Oct. 2007, 2 Pages; - MAN0868-01, Specifications//Installation XLT OCS Model HE-XE102, dated 12 Oct. 2007, 2 Pages; - Bulletin XL Series Operator Control Stations (OCS), 6 Pages; - Bulletin 0713, HA-102A, All-In-One Intellegent & Powerful Controls, 5 pages;Term OfThis Product Design Assessment (PDA) Certificate 07-HS275224-2-PDA, dated 30/Sep/2013 remains valid | | Stations) | | |
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| Notes, DrawingSupporting Data: - UL508 File E180220 Issued date 12 July 2007 Revised Date 14 February 2008; - MAN0877-01, Specifications//Installation XLE OCS Model HE-XE100, dated 12 Oct. 2007, 2 Pages; - MAN0868-01, Specifications//Installation XLT OCS Model HE-XT100, dated 12 Oct. 2007, 2 Pages; - MAN0808-07, Specifications//Installation XLE OCS Model HE-XE102, dated 12 Oct. 2007, 4 Pages; - Bulletin XL Series Operator Control Stations (OCS), 6 Pages; - Bulletin 0713, HA-102A, All-In-One Intellegent & Powerful Controls, 5 pages;Term OfThis Product Design Assessment (PDA) Certificate 07-HS275224-2-PDA, dated 30/Sep/2013 remains valid | | 2) The OCS is certified for installation in a Type 1 Enclosure (XLe) or a Type 4x Enclosure (XLt). | | |
| Notes, DrawingSupporting Data: - UL508 File E180220 Issued date 12 July 2007 Revised Date 14 February 2008;and- MAN0877-01, Specifications//Installation XLE OCS Model HE-XE100, dated 12 Oct. 2007, 2 Pages;Documentation- MAN0868-01, Specifications//Installation XLT OCS Model HE-XT100, dated 12 Oct. 2007, 2 Pages;- MAN0808-07, Specifications//Installation XLE OCS Model HE-XE102, dated 12 Oct. 2007, 4 Pages;- Bulletin XL Series Operator Control Stations (OCS), 6 Pages;- Bulletin 0713, HA-102A, All-In-One Intellegent & Powerful Controls, 5 pages;Term Of | Comments | The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product. | | |
| and- MAN0877-01, Specifications//Installation XLE OCS Model HE-XE100, dated 12 Oct. 2007, 2 Pages;Documentation- MAN0868-01, Specifications//Installation XLT OCS Model HE-XT100, dated 12 Oct. 2007, 2 Pages; - MAN0808-07, Specifications//Installation XLE OCS Model HE-XE102, dated 12 Oct. 2007, 4 Pages; - Bulletin XL Series Operator Control Stations (OCS), 6 Pages; -Bulletin 0713, HA-102A, All-In-One Intellegent & Powerful Controls, 5 pages;Term OfThis Product Design Assessment (PDA) Certificate 07-HS275224-2-PDA, dated 30/Sep/2013 remains valid | | The specific Functional and Operational Arrangements are to be approved for each Application. | | |
| Documentation- MAN0868-01, Specifications//Installation XLT OCS Model HE-XT100, dated 12 Oct. 2007, 2 Pages; - MAN0808-07, Specifications//Installation XLE OCS Model HE-XE102, dated 12 Oct. 2007, 4 Pages; - Bulletin XL Series Operator Control Stations (OCS), 6 Pages; -Bulletin 0713, HA-102A, All-In-One Intellegent & Powerful Controls, 5 pages;Term OfThis Product Design Assessment (PDA) Certificate 07-HS275224-2-PDA, dated 30/Sep/2013 remains valid | Notes, Drawing | Supporting Data: - UL508 File E180220 Issued date 12 July 2007 Revised Date 14 February 2008; | | |
| MAN0808-07, Specifications//Installation XLE OCS Model HE-XE102, dated 12 Oct. 2007, 4 Pages; Bulletin XL Series Operator Control Stations (OCS), 6 Pages; Bulletin 0713, HA-102A, All-In-One Intellegent & Powerful Controls, 5 pages; Term Of This Product Design Assessment (PDA) Certificate 07-HS275224-2-PDA, dated 30/Sep/2013 remains valid | and | - MAN0877-01, Specifications//Installation XLE OCS Model HE-XE100, dated 12 Oct. 2007, 2 Pages; | | |
| Bulletin XL Series Operator Control Stations (OCS), 6 Pages; Bulletin 0713, HA-102A, All-In-One Intellegent & Powerful Controls, 5 pages; Term Of This Product Design Assessment (PDA) Certificate 07-HS275224-2-PDA, dated 30/Sep/2013 remains valid | Documentation | - MAN0868-01, Specifications//Installation XLT OCS Model HE-XT100, dated 12 Oct. 2007, 2 Pages; | | |
| -Bulletin 0713, HA-102A, All-In-One Intellegent & Powerful Controls, 5 pages; Term Of This Product Design Assessment (PDA) Certificate 07-HS275224-2-PDA, dated 30/Sep/2013 remains valid | | - MAN0808-07, Specifications//Installation XLE OCS Model HE-XE102, dated 12 Oct. 2007, 4 Pages; | | |
| Term Of This Product Design Assessment (PDA) Certificate 07-HS275224-2-PDA, dated 30/Sep/2013 remains valid | | - Bulletin XL Series Operator Control Stations (OCS), 6 Pages; | | |
| | | -Bulletin 0713, HA-102A, All-In-One Intellegent & Powerful Controls, 5 pages; | | |
| Validity until 29/Sep/2018 or until the Rules or specifications used in the assessment are revised (whichever occurs | Term Of | This Product Design Assessment (PDA) Certificate 07-HS275224-2-PDA, dated 30/Sep/2013 remains valid | | |
| | Validity | until 29/Sep/2018 or until the Rules or specifications used in the assessment are revised (whichever occurs | | |

| | first). This PDA is intended for a product to be installed on an ABS classed vessel, MODU or facility which is in existence or under contract for construction on the date of the ABS Rules or specifications used to evaluate the Product. Use of the Product on an ABS classed vessel, MODU or facility which is contracted after the validity date of the ABS Rules and specifications used to evaluate the Product, will require re-evaluation of the PDA. Use of the Product for non ABS classed vessels, MODUs or facilities is to be to an agreement between the manufacturer and intended client. |
|----------------------------|---|
| ABS Rules | 2013 Steel Vessels Rules 1-1-4/7.7, 1-1-A3, 4-8-3/13, 4-8-4/27.5.1 |
| National Standards | UL508, 17th Ed.; 2000 ANSI/ISA |
| International Standards | C22.2 No. 142-M1987, C22.2 No. 213-M1987 |

| Model Certificate | Model Certificate No | Issue Date | Expiry Date |
|-------------------|----------------------|-------------|-------------|
| PDA | 07-HS275224-2-PDA | 30/SEP/2013 | 29/SEP/2018 |