

# TYPE APPROVAL CERTIFICATE

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the DNV GL Type Approval System.

Certificate No.	<b>60 401 - 09 HH</b>
Company	<b>Karl Dose GmbH</b> <b>Försterweg 77</b> <b>22525 Hamburg, GERMANY</b>
Product Description	<b>Multiple-Socket-Outlet-System for reefer containers, with or without monitoring outlets (Snap in technique)</b>
Type	<b>Snappy CSI 32...; Power tower PT..., Power Pack PP...</b>
Environmental Category	<b>F</b>
Technical Data / Range of Application	<b>Each CEE-socket outlet: 3 pole + PE, up to max. 500V AC 32A.</b> <b>Housing, cover, fixing nuts of stainless steel.</b> <b>Cast brass or plastic flange for socket outlets..</b> <b>Bayonet cap of plastic or cast brass.</b> <b>Circuit breaker : PKZM0-32</b> <b>Ingress protection: IPX6, X7</b>  <b>Snappy: No. 321to 3212 correspond with -1- to -12- gang sockets CEE 32A</b> <b>Power tower: PT6 2-6 gang ; PT10 7-10gang</b> <b>Power Pack : PP 1 -10</b>  <b>additional No.: M - monitoring socket outlet</b>
Test Standard	<b>GL Guidelines for the Performance of Type Approvals, Chapter 2 - Test Requirements for Electrical / Electronic Equipment and Systems (VI-7-2), Edition 2012</b> <b>IEC 60529: 2000</b>
Documents	<b>Paconsult report 09-2301: 2009; 146505:2015</b> <b>Dwg. 4132091, 4132191, 4132290,</b> <b>4132390,4132490,4132590,4132690,4132790, 4132890, 4132991, 41326000,</b> <b>41321000, 4132883, 41326100, 41326200, 41326300, 41326400, 41326500,</b> <b>41326600, 41326700, 41326800, 41326900,</b>
Remarks	<b>This certificate is issued on the basis of GL Guidelines for the Performance of Type Approvals, Chapter 1 - Procedure (VI-7-1), Edition 2007.</b> <b>Operation instruction of the manufacturer to be observed</b>

Valid until **2020-01-15**

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File No. **I.O.02**

**Hamburg, 2015-01-16**

Type Approval Symbol



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