DATASHEET - DILM400-XS1

Part no.

(Norway)

No.



Star-point bridge, For use with DILM185A - DILM400





EL-Nummer 4134017

Delivery program

Contact sequence	f - f - f	
Product range	Accessories	
Accessories	Wiring accessories	
For use with	DILM185A - DILM400	
For use with	Star-point bridge for DILM185A up to DILM400	
Instructions A cover is included for protection against accidental contact.		

Design verification as per IEC/EN 61439

Technical data for design verification Index Index <thindex< th=""> Index Index</thindex<>				
Head dissipation per pole, current-dependent Paid Wei Equipment head dissipation, current-dependent Paid Wei 0 Static heat dissipation, current-dependent Pais Wei 0 Ideat dissipation capacity Paiss Wei 0 Operating ambient temperature max. Paiss Wei 0 IDD parting ambient temperature max. **** 6 ID2 Strength of materials and parts ***** ****** ID2.2 Corrosion resistance Insulting materials to normal heat ************************************	Technical data for design verification			
Equipment head dissipation, current-dependentPridWeEquipment head dissipation, non-current-dependentPridWeStatic heat dissipation, non-current-dependentPridWeIdeat dissipation capacityPrid0Operating ambient temperature min.PridCOperating ambient temperature max.°C60162.25 trength of materials and parts°C6010.22 Corrosion resistanceMeets the product standard's requirements.10.2.23 Lverification of thermal stability of enclosuresMeets the product standard's requirements.10.2.3.1 Verification of resistance of insulating materials to normal heatMeets the product standard's requirements.10.2.3.2 Verification of resistance of insulating materials to normal heatMeets the product standard's requirements.10.2.3.1 Verification of resistance of insulating materials to normal heatMeets the product standard's requirements.10.2.3.2 Verification of resistance of insulating materials to normal heatMeets the product standard's requirements.10.2.3.1 Verification of resistance of insulating materials to normal heatMeets the product standard's requirements.10.2.3.2 Verification of resistance of insulating materials to normal heatMeets the product standard's requirements.10.2.4 Resistance to ultra-violet (UV) radiationMeets the product standard's requirements.10.2.5 LiftingDoes not apply, since the entire switchgear needs to be evaluated.10.3.1 Degree of protection of ASSEMBLIESDoes not apply, since the entire switchgear needs to be evaluated.10.3.2 Reficient of requirements. </td <td>Rated operational current for specified heat dissipation</td> <td>In</td> <td>А</td> <td>0</td>	Rated operational current for specified heat dissipation	In	А	0
Static heat dissipation, non-current-dependentPvsW0Heat dissipation capacityPdissW0Operating ambient temperature min.PdissC40Operating ambient temperature max.*C00IEC/EN 61438 design verification*C0010.2.2 torength of materials and parts*C0010.2.2 Corrosion resistanceMets the product standard's requirements.Mets the product standard's requirements.10.2.3.1 Verification of tresistance of insulating materials to abnormal heatMets the product standard's requirements.10.2.3.2 Verification of resistance of insulating materials to abnormal heatMets the product standard's requirements.10.2.3.1 Verification of resistance of insulating materials to abnormal heatMets the product standard's requirements.10.2.3.2 Verification of resistance of insulating materials to abnormal heatMets the product standard's requirements.10.2.3.1 Verification of resistance of insulating materials to abnormal heatMets the product standard's requirements.10.2.4 Resistance to ultra-violet (UV) radiationDes not apply, since the entire switchgear needs to be evaluated.10.2.5 LiftingDoes not apply, since the entire switchgear needs to be evaluated.10.3.1 Degree of protection of ASSEMBLIESDes not apply, since the entire switchgear needs to be evaluated.10.3.2 Perfection against electric shockDes not apply, since the entire switchgear needs to be evaluated.10.5.1 Protection against electric shockDes not apply, since the entire switchgear needs to be evaluated.10.4 Clea	Heat dissipation per pole, current-dependent	P _{vid}	W	0
Heat dissipation capacity Paiss W 0 Operating ambient temperature min. °C 40 Operating ambient temperature max. °C 60 IEC/EN 61439 design verification °C 60 10.2 Strength of materials and parts Meets the product standard's requirements. 10.2.3 Uverification of thermal stability of enclosures Meets the product standard's requirements. 10.2.3.1 Verification of resistance of insulating materials to normal heat and fire due to internal electric effects Meets the product standard's requirements. 10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects Meets the product standard's requirements. 10.2.4 Resistance to ultra-violet (UV) radiation Meets the product standard's requirements. 10.2.5 Lifting Dees not apply, since the entire switchgear needs to be evaluated. 10.2.7 Inscriptions Meets the product standard's requirements. 10.3.0 Begree of protection of ASSEMBLIES Meets the product standard's requirements. 10.4 Clearances and creepage distances Meets the product standard's requirements. 10.5 Protection against electric shock Meets the product standard's requirements. 10.3 Degree of protection of ASSEMBLIES Dees not apply, since the entire switch	Equipment heat dissipation, current-dependent	P _{vid}	W	0
Operating ambient temperature min. orac 40 Operating ambient temperature max. °C 60 IEC/EN 61439 design verification °C 60 IEC/EN 61439 design verification Meets the product standard's requirements. 10.2 Strength of materials and parts Meets the product standard's requirements. 10.2.3.1 Verification of thermal stability of enclosures Meets the product standard's requirements. 10.2.3.2 Verification of resistance of insulating materials to normal heat and fire due to internal electric effects Meets the product standard's requirements. 10.2.4 Resistance to ultra-violet (UV) radiation Meets the product standard's requirements. 10.2.5 Lifting Dees not apply, since the entire switchgear needs to be evaluated. 10.2.7 Inscriptions Meets the product standard's requirements. 10.3.2 Degree of protection of ASSEMBLIES Dees not apply, since the entire switchgear needs to be evaluated. 10.4 Clearances and creepage distances Meets the product standard's requirements. 10.5 Protection against electric shock Dees not apply, since the entire switchgear needs to be evaluated. 10.5 Protection of switching devices and components Meets the product standard's requirements.	Static heat dissipation, non-current-dependent	P _{vs}	W	0
Operating ambient temperature max.CAIEC/EN 61439 design verificationCA10.2 Strength of materials and partsAA10.2.2 Corrosion resistanceMeets the product standard's requirements.10.2.3.1 Verification of thermal stability of enclosuresMeets the product standard's requirements.10.2.3.2 Verification of resistance of insulating materials to normal heat and fire due to internal electric effectsMeets the product standard's requirements.10.2.4 Resistance to ultra-violet (UV) radiationMeets the product standard's requirements.10.2.5 LiftingMeets the product standard's requirements.10.2.6 Mechanical impactMeets the product standard's requirements.10.3.2 Degree of protection of ASSEMBLIESMeets the product standard's requirements.10.4 Clearances and creepage distancesMeets the product standard's requirements.10.4 Clearances and creepage distancesMeets the product standard's requirements.10.5 Protection against electric shockDoes not apply, since the entire switchgear needs to be evaluated.10.5 Protection against electric shockDoes not apply, since the entire switchgear needs to be evaluated.10.5 Incorporation of switching devices and componentsDoes not apply, since the entire switchgear needs to be evaluated.10.5 Incorporation of switching devices and componentsDoes not apply, since the entire switchgear needs to be evaluated.10.5 Incorporation of switching devices and componentsDoes not apply, since the entire switchgear needs to be evaluated.10.6 Incorporation of switching devices and componentsDoes not apply, since	Heat dissipation capacity	P _{diss}	W	0
IEC/EN 61439 design verification Image: Constant of materials and parts 10.2 Strength of materials and parts Meets the product standard's requirements. 10.2.2 Corrosion resistance Meets the product standard's requirements. 10.2.3.1 Verification of thermal stability of enclosures Meets the product standard's requirements. 10.2.3.2 Verification of resistance of insulating materials to normal heat and fire due to internal electric effects Meets the product standard's requirements. 10.2.4 Resistance to ultra-violet (UV) radiation Meets the product standard's requirements. 10.2.5 Lifting Does not apply, since the entire switchgear needs to be evaluated. 10.2.7 Inscriptions Meets the product standard's requirements. 10.3.5 Degree of protection of ASSEMBLIES Meets the product standard's requirements. 10.4 Clearances and creepage distances Does not apply, since the entire switchgear needs to be evaluated. 10.5 Protection against electric shock Does not apply, since the entire switchgear needs to be evaluated. 10.5 Incorporation of switching devices and components Meets the product standard's requirements. 10.6 Incorporation of switching devices and components Meets the product standard's requirements. 10.6 Incorporation of switching devices and components Meets the product standard's requirements. 10.6 Incorporation	Operating ambient temperature min.		°C	-40
10.2 Strength of materials and partsMets the product standard's requirements.10.2.3 Lorification of thermal stability of enclosuresMeets the product standard's requirements.10.2.3.2 Verification of resistance of insulating materials to normal heatMeets the product standard's requirements.10.2.3.3 Verification of resistance of insulating materials to abnormal heatMeets the product standard's requirements.10.2.3.4 Verification of resistance of insulating materials to abnormal heatMeets the product standard's requirements.10.2.3 Verification of resistance of insulating materials to abnormal heatMeets the product standard's requirements.10.2.4 Resistance to ultra-violet (UV) radiationMeets the product standard's requirements.10.2.5 LiftingDoes not apply, since the entire switchgear needs to be evaluated.10.2.7 InscriptionsMeets the product standard's requirements.10.3 Degree of protection of ASSEMBLIESDoes not apply, since the entire switchgear needs to be evaluated.10.4 Clearances and creepage distancesDoes not apply, since the entire switchgear needs to be evaluated.10.5 Protection against electric shockDoes not apply, since the entire switchgear needs to be evaluated.10.6 Incorporation of switching devices and componentsDoes not apply, since the entire switchgear needs to be evaluated.10.6 Incorporation of switching devices and componentsDoes not apply, since the entire switchgear needs to be evaluated.	Operating ambient temperature max.		°C	60
10.2.2 Corrosion resistanceMeets the product standard's requirements.10.2.3.1 Verification of thermal stability of enclosuresMeets the product standard's requirements.10.2.3.2 Verification of resistance of insulating materials to normal heat and fire due to internal electric effectsMeets the product standard's requirements.10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effectsMeets the product standard's requirements.10.2.4 Resistance to ultra-violet (UV) radiationMeets the product standard's requirements.10.2.5 LiftingDees not apply, since the entire switchgear needs to be evaluated.10.2.7 InscriptionsMeets the product standard's requirements.10.3 Degree of protection of ASSEMBLIESDoes not apply, since the entire switchgear needs to be evaluated.10.4 Clearances and creepage distancesMeets the product standard's requirements.10.5 Protection against electric shockDoes not apply, since the entire switchgear needs to be evaluated.10.5 Protection of switching devices and componentsMeets the product standard's requirements.	IEC/EN 61439 design verification			
10.2.3.1 Verification of thermal stability of enclosuresMeets the product standard's requirements.10.2.3.2 Verification of resistance of insulating materials to normal heat and fire due to internal electric effectsMeets the product standard's requirements.10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effectsMeets the product standard's requirements.10.2.4 Resistance to ultra-violet (UV) radiationMeets the product standard's requirements.10.2.5 LiftingDoes not apply, since the entire switchgear needs to be evaluated.10.2.6 Mechanical impactDoes not apply, since the entire switchgear needs to be evaluated.10.3.7 InscriptionsMeets the product standard's requirements.10.3 Degree of protection of ASSEMBLIESDoes not apply, since the entire switchgear needs to be evaluated.10.4 Clearances and creepage distancesMeets the product standard's requirements.10.5 Protection against electric shockDoes not apply, since the entire switchgear needs to be evaluated.10.6 Incorporation of switching devices and componentsMeets the product standard's requirements.	10.2 Strength of materials and parts			
10.2.3.2 Verification of resistance of insulating materials to normal heat and fire due to internal electric effectsMeets the product standard's requirements.10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effectsMeets the product standard's requirements.10.2.4 Resistance to ultra-violet (UV) radiationMeets the product standard's requirements.10.2.5 LiftingDoes not apply, since the entire switchgear needs to be evaluated.10.2.6 Mechanical impactDoes not apply, since the entire switchgear needs to be evaluated.10.2.7 InscriptionsMeets the product standard's requirements.10.3 Degree of protection of ASSEMBLIESDoes not apply, since the entire switchgear needs to be evaluated.10.4 Clearances and creepage distancesMeets the product standard's requirements.10.5 Protection against electric shockDoes not apply, since the entire switchgear needs to be evaluated.10.8 Incorporation of switching devices and componentsMeets the product standard's requirements.	10.2.2 Corrosion resistance			Meets the product standard's requirements.
10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effectsMeets the product standard's requirements.10.2.4 Resistance to ultra-violet (UV) radiationMeets the product standard's requirements.10.2.5 LiftingDoes not apply, since the entire switchgear needs to be evaluated.10.2.6 Mechanical impactDoes not apply, since the entire switchgear needs to be evaluated.10.2.7 InscriptionsMeets the product standard's requirements.10.3 Degree of protection of ASSEMBLIESMeets the product standard's requirements.10.4 Clearances and creepage distancesDoes not apply, since the entire switchgear needs to be evaluated.10.5 Protection against electric shockDoes not apply, since the entire switchgear needs to be evaluated.10.6 Incorporation of switching devices and componentsMeets the product standard's requirements to be evaluated.	10.2.3.1 Verification of thermal stability of enclosures			Meets the product standard's requirements.
and fire due to internal electric effectsAnd fire due to internal electric effectsAnd fire due to internal electric effects10.2.4 Resistance to ultra-violet (UV) radiationMeets the product standard's requirements.10.2.5 LiftingDoes not apply, since the entire switchgear needs to be evaluated.10.2.6 Mechanical impactMeets the product standard's requirements.10.2.7 InscriptionsMeets the product standard's requirements.10.3 Degree of protection of ASSEMBLIESMeets the product standard's requirements.10.4 Clearances and creepage distancesMeets the product standard's requirements.10.5 Protection against electric shockMeets the product standard's requirements.10.6 Incorporation of switching devices and componentsMeets the product standard's requirements.10.6 Incorporation of switching devices and componentsMeets the product standard's requirements.	10.2.3.2 Verification of resistance of insulating materials to normal heat			Meets the product standard's requirements.
10.2.5 LiftingDoes not apply, since the entire switchgear needs to be evaluated.10.2.6 Mechanical impactDoes not apply, since the entire switchgear needs to be evaluated.10.2.7 InscriptionsMeets the product standard's requirements.10.3 Degree of protection of ASSEMBLIESDoes not apply, since the entire switchgear needs to be evaluated.10.4 Clearances and creepage distancesMeets the product standard's requirements.10.5 Protection against electric shockDoes not apply, since the entire switchgear needs to be evaluated.10.6 Incorporation of switching devices and componentsMeets10.6 Incorporation of switching devices and componentsMeets10.6 Incorporation of switching devices and componentsMeets10.6 Incorporation of switching devices and componentsMeets10.7 Incorporation of switching devices and componentsMeets10.8 Incorporation of switching devices and componentsMeets10.6 Incorporation of switching devices and componentsMeets10.6 Incorporation of switching devices and componentsMeets10.7 Incorporation of switching devices and componentsMeets10.8 Incorporation of switching devices and components <td></td> <td></td> <td></td> <td>Meets the product standard's requirements.</td>				Meets the product standard's requirements.
10.2.6 Mechanical impactDoes not apply, since the entire switchgear needs to be evaluated.10.2.7 InscriptionsMeets the product standard's requirements.10.3 Degree of protection of ASSEMBLIESDoes not apply, since the entire switchgear needs to be evaluated.10.4 Clearances and creepage distancesMeets the product standard's requirements.10.5 Protection against electric shockDoes not apply, since the entire switchgear needs to be evaluated.10.6 Incorporation of switching devices and componentsImage: Component term of the entire switchgear needs to be evaluated.	10.2.4 Resistance to ultra-violet (UV) radiation			Meets the product standard's requirements.
10.2.7 InscriptionsMeets the product standard's requirements.10.3 Degree of protection of ASSEMBLIESDoes not apply, since the entire switchgear needs to be evaluated.10.4 Clearances and creepage distancesMeets the product standard's requirements.10.5 Protection against electric shockDoes not apply, since the entire switchgear needs to be evaluated.10.6 Incorporation of switching devices and componentsMeets	10.2.5 Lifting			Does not apply, since the entire switchgear needs to be evaluated.
10.3 Degree of protection of ASSEMBLIES Does not apply, since the entire switchgear needs to be evaluated. 10.4 Clearances and creepage distances Meets the product standard's requirements. 10.5 Protection against electric shock Does not apply, since the entire switchgear needs to be evaluated. 10.6 Incorporation of switching devices and components Image: Component of the entire switchgear needs to be evaluated.	10.2.6 Mechanical impact			Does not apply, since the entire switchgear needs to be evaluated.
10.4 Clearances and creepage distances Meets the product standard's requirements. 10.5 Protection against electric shock Does not apply, since the entire switchgear needs to be evaluated. 10.6 Incorporation of switching devices and components Does not apply, since the entire switchgear needs to be evaluated.	10.2.7 Inscriptions			Meets the product standard's requirements.
10.5 Protection against electric shock Does not apply, since the entire switchgear needs to be evaluated. 10.6 Incorporation of switching devices and components Does not apply, since the entire switchgear needs to be evaluated.	10.3 Degree of protection of ASSEMBLIES			Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components Does not apply, since the entire switchgear needs to be evaluated.	10.4 Clearances and creepage distances			Meets the product standard's requirements.
	10.5 Protection against electric shock			Does not apply, since the entire switchgear needs to be evaluated.
10.7 Internal electrical circuits and connections Is the panel builder's responsibility.	10.6 Incorporation of switching devices and components			Does not apply, since the entire switchgear needs to be evaluated.
	10.7 Internal electrical circuits and connections			Is the panel builder's responsibility.

10.8 Connections for external conductors	Is the panel builder's responsibility.
10.9 Insulation properties	
10.9.2 Power-frequency electric strength	Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage	Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material	Is the panel builder's responsibility.
10.10 Temperature rise	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 Short-circuit rating	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.12 Electromagnetic compatibility	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 Mechanical function	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

Technical data ETIM 7.0

Low-voltage industrial components (EG000017) / Accessories for low-voltage switch technology (EC002498)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Component for low-voltage switch technology (accessories) (ecl@ss10.0.1-27-37-13-92 [AKN570013])

Type of accessory	Connecting bridge
Annroyala	
Approvals	
Product Standards	IEC/EN 60947-4-1; UL 508; CSA-C22.2 No. 14-05; CE marking
UL File No.	E36332
UL Category Control No.	NLRV
CSA File No.	012528
CSA Class No.	3211-04
North America Certification	UL listed, CSA certified
Specially designed for North America	No



Contactor with star-point bridge and terminal shroud for DILM185A to DILM300A

