



No	: C1-24-3504-R1
Client	: BETESAN MÜHENDİSLİK GEMİ ELEK. İNŞ. İÇ ve DIŞ TİC. LTD. ŞTİ.
Manufacturer	: BETESAN MÜHENDİSLİK GEMİ ELEK. İNŞ. İÇ ve DIŞ TİC. LTD. ŞTİ.
Test Sample	: ELEKTRICAL PLANTS with 4000 A ABB ACB INPUT- ON SHIPS - LOW- VOLTAGE SWITCHGEAR AND CONTROLGEAR ASSEMBLIES (MARINE POWER)
Trade Mark	: BETESAN
Technical Datas	: $U_n = 400 \text{ V AC}$, $U_i = 1000 \text{ V}$, $U_{imp} = 8 \text{ kV}$, $I_n = 3500 \text{ A}$, $I_{cw} = 60 \text{ kA} / 1 \text{ sn}$ (Main Busbar), $I_{peak} = 132 \text{ kA}$ (Main Busbar), $I_{cw} = 36 \text{ kA} / 1 \text{ sn}$ (Earth Circuit), $I_{peak} = 75,6 \text{ kA}$ (Earth Circuit) $I_{cc} = 65 \text{ kA}$ (ABB 4000 A ACB), $I_{cc} = 36 \text{ kA}$ (ABB 2500 A ACB), $I_{cc} = 36 \text{ kA}$ (ABB 1600 A MCCB), $I_{cc} = 36 \text{ kA}$ (ABB 630 A MCCB), Form 4b, IP54
Test Method	: TS IEC 60092-302-2:2021
Subject	: TEST RESULT (PASSED) Clearances and Creepage Distances Protection Against Electric Shock and Integrity Of Protective Circuits Verification of Resistance of Insulating Materials to Abnormal Heat and Fire Due to Internal Electric Effects
Test(s) Applied	: Dielectric Properties Temperature-rise Short-circuit Withstand Strength Incorporation of switching devices and components Internal Electrical Circuits and Connections Terminals for External Conductors
Test Report Number	: 24-3504-R1-N1-1
Certificate Date	: 07.03.2025

Person in Charge of Test

Cem AKDOĞAN

Department Manager

Ata Gürül ARSLANLI



You can check the certificate
details via QR code.

TEST SERTİFİKASI
TEST CERTIFICATE

FRT.88 / Rev02 / 0924





No	: C1-24-3504-R1
Client	: BETESAN MÜHENDİSLİK GEMİ ELEK. İNŞ. İÇ ve DIŞ TİC. LTD. ŞTİ.
Manufacturer	: BETESAN MÜHENDİSLİK GEMİ ELEK. İNŞ. İÇ ve DIŞ TİC. LTD. ŞTİ.
Test Sample	: ELEKTRICAL PLANTS with 4000 A ABB ACB INPUT- ON SHIPS - LOW- VOLTAGE SWITCHGEAR AND CONTROLGEAR ASSEMBLIES (MARINE POWER)
Trade Mark	: BETESAN
Technical Datas	: $U_n = 400 \text{ V AC}$, $U_i = 1000 \text{ V}$, $U_{imp} = 8 \text{ kV}$, $I_n = 3500 \text{ A}$, $I_{cw} = 60 \text{ kA} / 1 \text{ sn}$ (Main Busbar), $I_{peak} = 132 \text{ kA}$ (Main Busbar), $I_{cw} = 36 \text{ kA} / 1 \text{ sn}$ (Earth Circuit), $I_{peak} = 75,6 \text{ kA}$ (Earth Circuit) $I_{cc} = 65 \text{ kA}$ (ABB 4000 A ACB), $I_{cc} = 36 \text{ kA}$ (ABB 2500 A ACB), $I_{cc} = 36 \text{ kA}$ (ABB 1600 A MCCB), $I_{cc} = 36 \text{ kA}$ (ABB 630 A MCCB), Form 4b, IP54
Test Method	: TS IEC 60092-302-2:2021
Subject	: TEST RESULT (PASSED) Clearances and Creepage Distances Protection Against Electric Shock and Integrity Of Protective Circuits Verification of Resistance of Insulating Materials to Abnormal Heat and Fire Due to Internal Electric Effects
Test(s) Applied	: Dielectric Properties Temperature-rise Short-circuit Withstand Strength Incorporation of switching devices and components Internal Electrical Circuits and Connections Terminals for External Conductors
Test Report Number	: 24-3504-R1-N1-1
Certificate Date	: 07.03.2025

Person in Charge of Test

Cem AKDOĞAN

Department Manager

Ata Gürül ARSLANLI



You can check the certificate
details via QR code.

TEST SERTİFİKASI
TEST CERTIFICATE

FRT.88 / Rev02 / 0924

