

ELEKTROTECHNICKÝ ZKUŠEBNÍ ÚSTAV



ELECTROTECHNICAL TESTING INSTITUTE - CZECH REPUBLIC
ELEKTROTECHNISCHE PRÜFANSTALT - TSCHECHISCHE REPUBLIK
INSTITUT ELECTROTECHNIQUE D'ESSAIS - RÉPUBLIQUE TCHÉQUE
ЭЛЕКТРОТЕХНИЧЕСКИЙ ИСПЫТАТЕЛЬНЫЙ ИНСТИТУТ - ЧЕШСКАЯ РЕСПУБЛИКА

Pod lisem 129/2, 182 00 Praha 8, Troja

CERTIFICATE

No.: 1230490

Product: Isolating spark gap

Type: ISG-...(H Ex), ISGC-...(H Ex), ISGO-...(H Ex)

Rating: UW = 35, 70, 350 V AC; UW = 50, 100, 500 V DC; Iimp = 50, 100 kA – (see Annex)

Ordering firm: SALTEK s.r.o.
Drážďanská 561/85, 400 07 Ústí nad Labem - Krásné Březno, Czech Republic

Manufacturer: SALTEK s.r.o.
Drážďanská 561/85, 400 07 Ústí nad Labem - Krásné Březno, Czech Republic

Trade mark:

The test results are stated in the test-report No.: 232448-01/01 of: 30.10.2023

A sample of the product was found to be in conformity with:
ČSN EN 62561-3 ed. 2:2018 (idt EN 62561-3:2017, idt IEC 62561-3:2017)

Other data:

The validity of the certificate is limited to: 31.10.2026

01.11.2023

Prague

Mgr. Miroslav Sedláček
Head of Certification Body



Stamp



232448-01

List of products:

Order number	Type	U _w (V) AC/DC	Třída ISG - I _{imp} (kA)
A04086	ISG-50	35/50	N (50 kA)
A04078	ISG-100	70/100	N (50 kA)
A04130	ISG-250	250/375	H (100 kA)
A04127	ISG-500	350/500	H (100 kA)
A05365	ISGC-50	35/50	N (50 kA)
A05366	ISGC-100	70/100	N (50 kA)
A05367	ISGC-250	250/375	H (100 kA)
A05368	ISGC-500	350/500	H (100 kA)
A05518	ISGO-500	350/500	H (100 kA)

Order number	Type	U _w (V) AC/DC	Třída ISG - I _{imp} (kA)
A04131	ISG-50H Ex	35/50	H (100 kA)
A04132	ISG-100H Ex	70/100	H (100 kA)
A04122	ISG-250H Ex	250/375	H (100 kA)
A04109	ISG-500H Ex	350/500	H (100 kA)
A04128	ISGC-50H Ex	35/50	H (100 kA)
A04129	ISGC-100H Ex	70/100	H (100 kA)
A04038	ISGC-250H Ex	250/375	H (100 kA)
A04120	ISGC-500H Ex	350/500	H (100 kA)
A06142	ISGO-50H Ex	35/50	H (100 kA)
A06143	ISGO-100H Ex	70/100	H (100 kA)
A06144	ISGO-250H Ex	250/375	H (100 kA)
A05514	ISGO-500H Ex	350/500	H (100 kA)
A05515	ISGT-50H Ex	35/50	H (100 kA)
A05517	ISGT-100H Ex	70/100	H (100 kA)
A05516	ISGT-250H Ex	250/375	H (100 kA)

List of used test results according to ČSN EN 62561-3 ed. 2:18:

Test description	Clause Requirement Test	Test report
Documentation	5.3	SALTEK / MER-0000969
UV exposure test	6.2	EZÚ / 020918-01/01
Corrosion resistance test Effect of salt spray	6.3 / B.1	EZÚ / 020918-01/01
Corrosion resistance test Effect of humid atmosphere with sulfur	6.3 / B.2	EZÚ / 020918-01/01
Corrosion resistance test Effect of atmosphere with ammonia	6.3 / B.3	EZÚ / 020918-01/01
Mechanical tests	6.4	SALTEK / MER-0000969
Isolating resistance	6.5.1	SALTEK / MER-0000969
Withstand voltage	6.5.2	SALTEK / MER-0000969
Rated impulse sparkover voltage	6.5.3	SALTEK / MER-0000969
Lightning impulse current	6.5.4	SALTEK / MER-0000969
Isolating resistance	6.5.1	SALTEK / MER-0000969
Withstand voltage	6.5.2	SALTEK / MER-0000969
Rated impulse sparkover voltage	6.5.3	SALTEK / MER-0000969
Installation instruction	6.6	SALTEK / MER-0000969
Test of marking	6.7	SALTEK / MER-0000969

Additionally, the tests according to ČSN EN 60529:93+A1:01+A2:14 were successfully performed for IP67 (see the test report SALTEK / MER-0000969).

