

high isolation protection system HI-SOL Series



Single and three-phase rack with 16kV isolation transformer
20/40kA type 1-2 surge suppression
Mcb input output protection
Isolation resistance protection
High-low voltage – high current protection

IN A VERY TINY SPACE, YOUR BROADCAST, PROTECTED

Technical data and images may be subject to a change without notice

SINGLE PHASE MODELS

Model	HI-SOL02M	HI-SOL03M	HI-SOL05M	HI-SOL06M	HI-SOL08M	HI-SOL10M
Type	Class I 16KV ISOLATION TRANSFORMER					
No. of phases	Single phase					
Rated input voltage	220-230Vac - 50/60Hz					
Rated power	2kVA	3.15kVA	5kVA	6.3kVA	8kVA	10kVA
Screen type	Copper earthed screen between the windings					
Winding construction	Copper / Copper					
Rated output voltage	220-230Vac - 50/60Hz					
Electric class	I					
Primary protection	MCB 8A	MCB 15A	MCB 20A	MCB 25A	MCB 32A	MCB 40A
Secondary protection	MCB 8A	MCB 15A	MCB 20A	MCB 25A	MCB 32A	MCB 40A
Input connections	2 x 6 sq.mm. terminals + PE		2 x 10 sq.mm. terminals + PE			
Isolation class	H					
Isolation pri/sec	16kV					
Surge suppressor	20kA/40kA x 2 poles					
Signals and monitoring	Output Digital V-meter / A-meter Output line ON light					
Auxiliary outlet	1 x 10 A Schuko outlet with 10 A protection fuse					
Isolation monitoring	RI-R22 adjustable isolation tester on board					
Cooling	AF controlled by thermal contact					
Protection	IP20					
Weight kg	25	30	35	45	60	80
Dimensions mm	19" rack x 4U x depth 350mm		19" rack x 5U x depth 400mm		19" rack x 5U x depth 460mm	
Operating conditions	Ambient temperature: 5 ÷ 25 °c					
	Ambient humidity percentage: 30 ÷ 75% RH					
	Altitude: 0 ÷ 1000m above sea level					
Conditions of storage and transport.	Ambient temperature: -40 ÷ 70 ° C					
	Ambient humidity percentage: 10 ÷ 100% RH					
Standards	CEI EN 61558-2-4					

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THREE PHASE MODELS

Model	HI-SOL03T	HI-SOL06T	HI-SOL08T	HI-SOL10T
Type	Class I 16KV ISOLATION TRANSFORMER			
No. of phases	Three phase			
Rated input voltage	380-400Vac - 50/60Hz			
Rated power	3kVA	6kVA	8kVA	10kVA
Rated input voltage	380-400Vac + N - 50/60Hz			
Vector group	Dyn11			
Screen type	Copper earthed screen between the windings			
Winding construction	Copper / Copper			
Electric class	I			
Primary protection	MCB 3 x 4A	MCB 3 x 8A	MCB 3 x 10A	MCB 15A
Secondary protection	MCB 3 x 4A	MCB 3 x 8A	MCB 3 x 10A	MCB 15A
Input connections	2 x 6 sq.mm. terminals + PE		2 x 10 sq.mm. terminals + PE	
Isolation class	H			
Isolation pri/sec	16kV			
Surge suppressor	20kA/40kA x 3 poles			
Signals and monitoring	Output Digital V-meter / A-meter Output line ON light			
Auxiliary outlet	1 x 10 A Schuko outlet with 10 A protection fuse			
Isolation monitoring	RI-R22 adjustable isolation tester on board			
Cooling	AF controlled by thermal contact			
Protection	IP20			
Weight kg	25	35	60	80
Dimensions mm	19" rack x 5U x depth 460mm			
Operating conditions	Ambient temperature: 5 ÷ 25 °c			
	Ambient humidity percentage: 30 ÷ 75% RH			
	Altitude: 0 ÷ 1000m above sea level			
Conditions of storage and transport.	Ambient temperature: -40 ÷ 70 ° C			
	Ambient humidity percentage: 10 ÷ 100% RH			
Standards	CEI EN 61558-2-4			

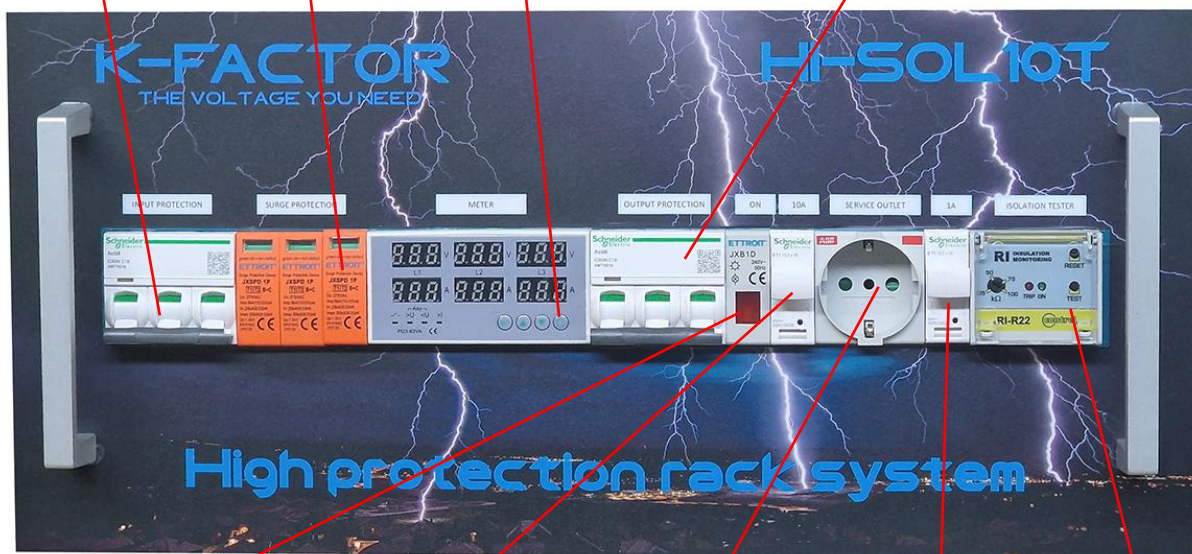
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Input
3Poles
MCB

SURGE
suppressor

V-meter
A-meter
PROTECTION

OUTPUT MCB
PROTECTIONN



Mains output
lamp

Auxiliary/fan
fuse
protection

Auxiliary
Output
socket

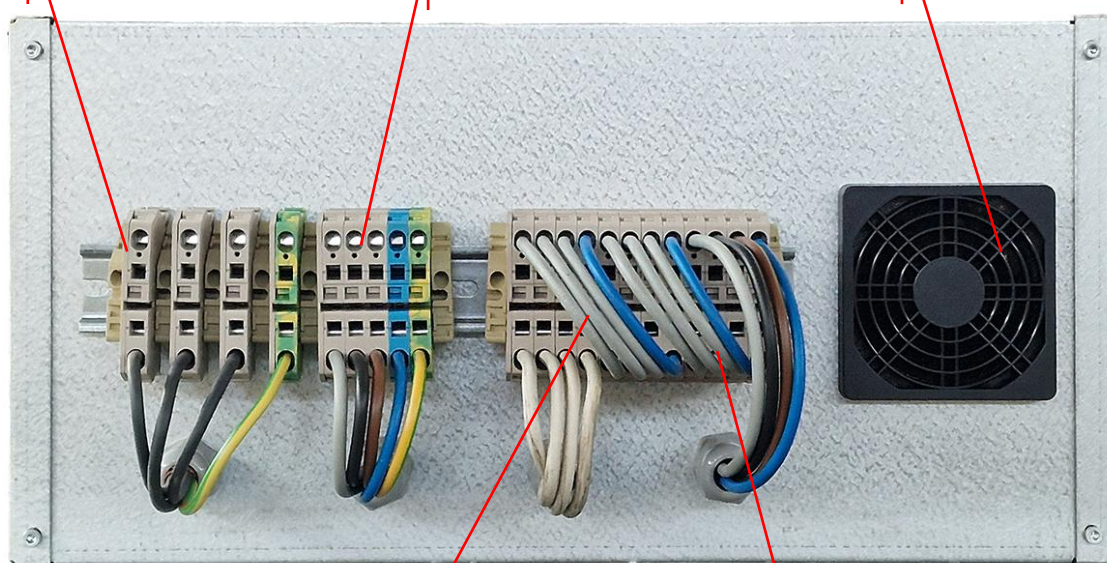
Isol. tester
fuse
protection

Isolation
tester

Input 3Poles
+ PE

Output 3Poles +
N + PE

Cooling fan



Bypass in/out connection
for stabilizer

Bypass in/out connection
for ups

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