

ULTIMATE PV SYSTEM PROTECTION: OBO V20 SurgeController

1000V DC Photovoltaic Ready | 5-Year Warranty

PRODUCT IDENTITY & ASSEMBLY



Type: V20-C 3-PH-1000

Art.-No.: 5094 608

PO Box 1120, Menden, Germany

KEY APPLICATIONS & FEATURES



- SurgeController V20 three-pole for photovoltaics 1000V DC
- Optimal for PV systems
- Re-created clean vector 5-YEAR PRODUCT WARRANTY badge

READY FOR INSTALLATION



Three-Module Configuration

Modular V20 PV Units

I_{max} : 40 kA (per module)

MODULE SPECIFICATIONS

Art.-Nr.	: 5099 708
U_c	: 500 VDC (per module)
I_n (8/20)	: 20 kA
I_{max} (8/20)	: 40 kA
U_p	: < 2.0 kV
max	: 125 AgL
T2 IP20 CE	

GERMAN ENGINEERED FOR RELIABILITY

OBO V20 PV SurgeController

Type 2 Surge Protection for Photovoltaic Systems

UNCOMPROMISING PHOTOVOLTAIC PROTECTION

Protect your solar investment from lightning strikes, electrical surges, and unexpected voltage spikes.

The **OBO V20 PV SurgeController** is a premium Type 2 surge protection device specifically engineered for photovoltaic (PV) systems. Designed to safeguard expensive solar equipment, it redirects dangerous surge energy safely to ground before damage can occur.

WHY SURGE PROTECTION MATTERS

Power surges caused by lightning or grid switching can seriously damage:

- Solar Inverters
- PV Modules / Solar Panels
- Monitoring Equipment
- DC Components
- Energy Storage Systems

The OBO V20 PV SurgeController provides reliable protection and long-term system security.

KEY BENEFITS

Lightning & Surge Protection

Provides dependable protection against transient over-voltage and electrical surges.

Built for Solar Systems

Specifically designed for high-voltage DC photovoltaic installations.

Easy DIN Rail Installation

Modular construction allows quick and convenient installation.

German Engineering

PRODUCT FEATURES

- ✓ Modular Design
- ✓ Green Status Indicators
- ✓ Fast Replacement Modules
- ✓ Reliable Long-Term Operation
- ✓ Professional PV System Protection

OBO BETTERMANN GROUP

Premium Surge Protection Solutions

German Engineering • EU Manufacturing • Proven Reliability

TECHNICAL SPECIFICATIONS

Parameter	Value
Product:	OBO V20 PV SurgeController
Type of Arrester:	Type 2 (T2)
Max Cont. Operating Voltage (U_c):	500 VDC (per module)
Nominal Discharge Current (I_n 8/20):	20 kA
Max Discharge Current (I_{max} 8/20):	40 kA
Voltage Protection Level (U_p):	< 2.0 kV
Configuration:	3 Pole (DC+ / PE / DC-)
Article Number:	5099 708
Degree of Protection:	IP20
Certifications:	CE • T2
Installation:	Standard DIN Rail
Country of Origin:	Made in EU – Hungary

TRUST YOUR SOLAR INVESTMENT

The OBO V20 PV SurgeController is more than a protective device — it is peace of mind for homeowners, installers, and commercial solar projects.

Protect your system.

Protect your equipment.

Protect your investment.

5 YEAR PRODUCT WARRANTY