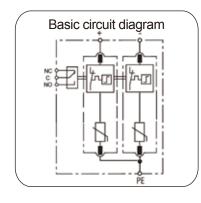
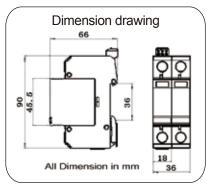


PV40-1000-MVCR









Type 2 SPD designed for low voltage system protection against surges at the boundaries from lightning protection zone 1-2 and higher.

- O Class II surge protector for Photovoltaic system
- © IEC61643-31, EN50539 compliance
- Type 2, common mode surge protection, 40kA surge arrester
- O Pluggable design SPD, easy replacement
- Reliable supervision due to disconnection device
- Fault indication by red indication flag in window
- With remote alarm terminal optional

Part No. PV40/1000-MVCR In accordance with IEC61643-31, EN50539 Category IEC/VDE II/ C Protection Mode Common mode Nominal voltage (Vdc) Un 1000 Max. continuous operating voltage (Vdc) Ucpv 1060 Nominal discharge current(8/20) In 20kA Max. discharge current(8/20) Imax 40kA Voltage protection rating Up <3.6kV Short-circuit current rating(scpv) 1000A Response time \$25ns Follow current No Backup fuse(only required if not already provide in mains) 125A gR/gPV Operating temperature range \$3ingle-strand 35mm², multi-strand 25mm² Mounting \$3ingle-strand 35mm², multi-strand 25mm² Mounting \$3ingle-strand 35mm², multi-strand 25mm² Mounting \$2modules, DIN 43880 Thermal disconnector Internal green – normal; red - failure Remote alarm contact CE Remote alarm contact type \$2solder one Switching capability Un/in AC: 250V/0.5A DC: 250V/0.1A; 125V/			
Category IEC/VDE II/ C Protection Mode Common mode Nominal voltage (Vdc) Un 1000 Max. continuous operating voltage (Vdc) Ucpv 1060 Nominal discharge current(8/20) In 20kA Max. discharge current(8/20) Imax 40kA Voltage protection rating Up <3.6kV	Part No.		PV40/1000-MVCR
Protection Mode Common mode Nominal voltage (Vdc) Un 1000 Max. continuous operating voltage (Vdc) Ucpv 1060 Nominal discharge current(8/20) In 20kA Max. discharge current(8/20) Imax 40kA Voltage protection rating Up <3.6kV	In accordance with		IEC61643-31, EN50539
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Max. discharge current(8/20) Imax 40kA Voltage protection rating Up <3.6kV	Max. continuous operating voltage (Vdc)	Ucpv	1060
Voltage protection rating Up <3.6kV Short-circuit current rating(Iscpv) 1000A Response time ≤ 25ns Follow current No Backup fuse(only required if not already provided in mains) 125A gR/gPV Operating temperature range - 40°C ~ + 80°C Cross-section of connection wire Single-strand 35mm²; multi-strand 25mm² Mounting 35mm DIN-rail in accordance with EN 50022/DIN46277-3 Enclosure material thermoplastic; extinguishing degree UL94 V-0 Degree of protection IP20 Installation width 2 modules, DIN 43880 Thermal disconnector Internal green − normal; red - failure Remote alarm contact Optional Approvals, Certifications CE Remote alarm contact type Isolated Form C Switching capability Un/in AC: 250V/0.5A DC: 250V/0.1A; 125V/0.2A; 75V/0.5A	Nominal discharge current(8/20)	In	20kA
Short-circuit current rating(Iscpv) 1000A Response time ≤ 25ns Follow current No Backup fuse(only required if not already provided in mains) 125A gR/gPV Operating temperature range - 40°C ~ + 80°C Cross-section of connection wire Single-strand 35mm²; multi-strand 25mm² Mounting 35mm DIN-rail in accordance with EN 50022/DIN46277-3 Enclosure material thermoplastic; extinguishing degree UL94 V-0 Degree of protection IP20 Installation width 2 modules, DIN 43880 Thermal disconnector Internal green – normal; red - failure Remote alarm contact Optional Approvals, Certifications CE Remote alarm contact type Isolated Form C Switching capability Un/In AC: 250V/0.5A DC: 250V/0.1A; 125V/0.2A; 75V/0.5A	Max. discharge current(8/20)	Imax	40kA
Response time ≤ 25ns Follow current No Backup fuse(only required if not already provided in mains) Operating temperature range Cross-section of connection wire Mounting Single-strand 35mm²; multi-strand 25mm² Mounting 35mm DIN-rail in accordance with EN 50022/DIN46277-3 Enclosure material thermoplastic; extinguishing degree UL.94 V-0 Degree of protection IP20 Installation width 2 modules, DIN 43880 Thermal disconnector Remote alarm contact Optional Approvals, Certifications CE Remote alarm contact type Switching capability Un/In AC: 250V/0.5A DC: 250V/0.1A; 125V/0.2A; 75V/0.5A	Voltage protection rating	Up	<3.6kV
Follow current Backup fuse(only required if not already provided in mains) Operating temperature range - 40°C ~ + 80°C Cross-section of connection wire Single-strand 35mm²; multi-strand 25mm² Mounting Single-strand 35mm²; multi-strand 25mm² Mounting 35mm DIN-rail in accordance with EN 50022/DIN46277-3 Enclosure material thermoplastic; extinguishing degree UL94 V-0 Degree of protection IP20 Installation width 2 modules, DIN 43880 Thermal disconnector Internal green – normal; red - failure Remote alarm contact Approvals, Certifications CE Remote alarm contact type Isolated Form C Switching capability Un/In AC: 250V/0.5A DC: 250V/0.1A; 125V/0.2A; 75V/0.5A	Short-circuit current rating(Iscpv)		1000A
Backup fuse(only required if not already provided in mains) 125A gR/gPV Operating temperature range -40°C ~ + 80°C Cross-section of connection wire Single-strand 35mm²; multi-strand 25mm² Mounting 35mm DIN-rail in accordance with EN 50022/DIN46277-3 Enclosure material thermoplastic; extinguishing degree UL94 V-0 Degree of protection IP20 Installation width 2 modules, DIN 43880 Thermal disconnector Internal green – normal; red - failure Remote alarm contact Optional Approvals, Certifications CE Remote alarm contact type Isolated Form C Switching capability Un/ln AC: 250V/0.5A DC: 250V/0.1A; 125V/0.2A; 75V/0.5A	Response time		≤ 25ns
Operating temperature range -40°C ~ + 80°C Cross-section of connection wire Single-strand 35mm²; multi-strand 25mm² Mounting 35mm DIN-rail in accordance with EN 50022/DIN46277-3 Enclosure material thermoplastic; extinguishing degree UL94 V-0 Degree of protection IP20 Installation width 2 modules, DIN 43880 Thermal disconnector Internal green – normal; red - failure Remote alarm contact Optional Approvals, Certifications CE Remote alarm contact type Isolated Form C Switching capability Un/In AC: 250V/0.5A DC: 250V/0.1A; 125V/0.2A; 75V/0.5A	Follow current		No
Cross-section of connection wire Single-strand 35mm²; multi-strand 25mm² Mounting 35mm DIN-rail in accordance with EN 50022/DIN46277-3 Enclosure material thermoplastic; extinguishing degree UL94 V-0 Degree of protection IP20 Installation width 2 modules, DIN 43880 Thermal disconnector Internal green – normal; red - failure Remote alarm contact Optional Approvals, Certifications CE Remote alarm contact type Isolated Form C Switching capability Un/In AC: 250V/0.5A DC: 250V/0.1A; 125V/0.2A; 75V/0.5A	Backup fuse(only required if not already provided in mains)		125A gR/gPV
Mounting 35mm DIN-rail in accordance with EN 50022/DIN46277-3 Enclosure material thermoplastic; extinguishing degree UL94 V-0 Degree of protection IP20 Installation width 2 modules, DIN 43880 Thermal disconnector Internal green – normal; red - failure Remote alarm contact Optional Approvals, Certifications CE Remote alarm contact type Isolated Form C Switching capability Un/In AC: 250V/0.5A DC: 250V/0.1A; 125V/0.2A; 75V/0.5A	Operating temperature range		- 40°C ~ + 80°C
Enclosure material thermoplastic; extinguishing degree UL94 V-0 Degree of protection IP20 Installation width 2 modules, DIN 43880 Thermal disconnector Internal green – normal; red - failure Remote alarm contact Optional Approvals, Certifications CE Remote alarm contact type Isolated Form C Switching capability Un/In AC: 250V/0.5A DC: 250V/0.1A; 125V/0.2A; 75V/0.5A	Cross-section of connection wire		Single-strand 35mm ² ; multi-strand 25mm ²
Degree of protection IP20 Installation width 2 modules, DIN 43880 Thermal disconnector Internal green – normal; red - failure Remote alarm contact Optional Approvals, Certifications CE Remote alarm contact type Isolated Form C Switching capability Un/In AC: 250V/0.5A DC: 250V/0.1A; 125V/0.2A; 75V/0.5A	Mounting		35mm DIN-rail in accordance with EN 50022/DIN46277-3
Installation width 2 modules, DIN 43880 Thermal disconnector Internal green – normal; red - failure Optional Approvals, Certifications CE Remote alarm contact type Isolated Form C Switching capability Un/In AC: 250V/0.5A DC: 250V/0.1A; 125V/0.2A; 75V/0.5A	Enclosure material		thermoplastic; extinguishing degree UL94 V-0
Thermal disconnector Internal green – normal; red - failure Remote alarm contact Optional Approvals, Certifications CE Remote alarm contact type Isolated Form C Switching capability Un/In AC: 250V/0.5A DC: 250V/0.1A; 125V/0.2A; 75V/0.5A	Degree of protection		IP20
Remote alarm contact Approvals, Certifications CE Remote alarm contact type Isolated Form C Switching capability Un/In AC: 250V/0.5A CE Solution C CE Do: 250V/0.1A; 125V/0.2A; 75V/0.5A	Installation width		2 modules, DIN 43880
Approvals, Certifications CE Remote alarm contact type Switching capability Un/ln AC: 250V/0.5A CE Isolated Form C DC: 250V/0.1A; 125V/0.2A; 75V/0.5A	Thermal disconnector		Internal green - normal; red - failure
Remote alarm contact type Isolated Form C Switching capability Un/In AC: 250V/0.5A DC: 250V/0.1A; 125V/0.2A; 75V/0.5A	Remote alarm contact		Optional
Switching capability Un/In AC: 250V/0.5A DC: 250V/0.1A; 125V/0.2A; 75V/0.5A	Approvals, Certifications		CE
	Remote alarm contact type		Isolated Form C
Max. Size of connecting wire Max. 1.5mm²(or # 16AWG)	Switching capability Un/In		AC: 250V/0.5A DC: 250V/0.1A; 125V/0.2A; 75V/0.5A
	Max. Size of connecting wire		Max. 1.5mm ² (or # 16AWG)

Note: Subject to change without any notice.