

Surge protectors



Ask an Expert

SurgePro™ is a Type 1 SPD designed for installation with PowerMark™ PRO or load centers of any brand used in service entrance or sub-panel locations. SurgePro provides immediate and reliable protection for sensitive electronics and appliances within the entire home.

SurgePro helps you comply with NEC® 2020 Art.230.67 surge protection requirements for new home construction or renovation.

Features & Benefits

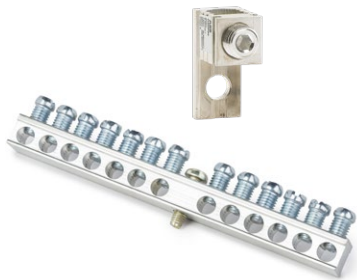
- Versatile design
- Install it with load centers of any brand
- Protects sensitive electronics throughout the entire home
- Code compliant
- Industry-standard surge ratings to meet the requirements for new home construction and renovation
- Contractor-friendly
- Installation is quick and easy, without taking up breaker spaces
- Easy diagnostics
- LED light indicates the operational status of the SPD, letting you know when it is time to replace the SPD

Surge protectors, NEMA Type 1

Description	System voltage	Per phase surge rating	Short circuit rating	Nominal discharge rating	Ordering code
SurgePro panel-mount	120/240 VAC	25 kA	100 kA	10 kA	THQLSURGE
SurgePro externally mounted	120/240 VAC	36 kA	200 kA	10 kA	THOMESURGE



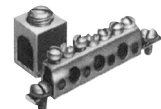
Load center field installed accessories



A full line of field installable load center accessories helps you create the perfect load center for every application.



TGL2



TGL20 combined with TGL1



TGK12



TGK12 with TGKIS

PowerMark Plus equipment grounds

Description	Standard package quantity	Ordering code
(4) 14-8Cu/12-8AL, (3) 14-4Cu/6-4AL	20	TGL1
(11) 14-8Cu/12-8AL, (3) 14-4Cu/6-4AL	20	TGL2 <sup>1</sup>
(7) 14-8Cu/12-8AL, (3) 14-4Cu/6-4AL, (2) 14-4Cu/12-4AL, (1) 14-2Cu/AL	20	TGL8 <sup>1</sup>
(1) 6-2/0Cu/Al number of terminals, equipment ground kits	20	TGL20 <sup>2</sup>
(3) 10-1/0 Cu/Al number of terminals for 400 and 600 Amp	1	TNG3 <sup>3</sup>
6) 10-1/0 Cu/Al number of terminals for 400 and 600 Amp	1	TNG6 <sup>4</sup>

<sup>1</sup> TGL2, TGL4 and TGL8 mount interchangeably  
<sup>2</sup> Add-on Equipment Ground Lug (for use on any TGL Kit)  
<sup>3</sup> Suitable for use with up to six TPLUG108 lugs or six crimp lugs per pole

PowerMark PRO and Gold equipment ground and isolated ground bar kits<sup>4,5</sup>

Description	Wire range	Standard package quantity	Ordering code
4-hole ground	(1) 14-4	1	TGK4
8-hole ground	(1) 14-4	1	TGK8
12-hole ground	(1) 14-4	1	TGK12
22-hole ground	(1) 14-4	1	TGK24
32-hole ground	(1) 14-4	1	TGK32
42-hole ground	(1) 14-4	1	TGK42

<sup>4</sup> 6-12 circuit indoor load centers use PowerMark Plus style neutrals and grounds  
<sup>5</sup> Add TGKIS for isolated ground and mount to ground kit.



Load center field installed accessories



192A7663G13



286A8894G1



TNLK250



TLK20



TLK250



TGK12 with TGKIS



THLK2125

PowerMark Plus neutral kits

Description	Wire range	Standard package quantity	Ordering code
400 & 600 Amp PowerMark Plus™ Neutral Kit	(5) 14-1/0	1	TNLK1 <sup>1</sup>
400 & 600 Amp PowerMark Plus™ Neutral Kit	(3) 1-300	1	TNLK2 <sup>1</sup>
Add-on neutral lug for 100-200 Amp PowerMark Plus load centers	6-2/0	1	286A8894G1
Add-on neutral lug for 100-200 Amp PowerMark Plus load centers	1-300 Cu or 2/0-300 Al	1	192A7663G13

<sup>1</sup> Suitable for use with up to six TPLUG108 lugs or six crimp lugs per pole

PowerMark PRO and Gold neutral kits

Description	Wire range	Standard package quantity	Ordering code
PowerMark PRO and Gold Neutral Kit - Mounted on top of neutral only	6-2/0	1	TNLK20
PowerMark PRO and Gold Neutral Kit - Mounted on top of neutral only	6-250	1	TNLK250

PowerMark PRO and Gold neutral/ground lug kits

Mounted on any neutral or ground position by removing the termination screw

Description	Wire range	Standard package quantity	Ordering code
Neutral/ground lug kit	6-2/0	1	TLK20
Neutral/ground lug kit	6-250	1	TLK250
Neutral/ground lug kit	6-300	1	TLK300

Isolated ground bus bars equipment ground kit

Description	Standard package quantity	Ordering code
Isolated ground bar kit (order with TGK equipment ground kits)	1	TGKIS
Isolated ground bar feet (order with TGK8)	1	TGKIS2

Subfeed lug kits

Description	Standard package quantity	Ordering code
125A 2 pole plug-in	1	THLK2125
150A 2 pole plug-in - For use with PowerMark Gold only	1	THLK2150
200A 2 pole plug-in - For use with PowerMark Gold only	1	THLK2200
125A 3 pole plug-in - For use with 3 phase only	1	THLK3125
225A 3 pole plug-in - For use with 3 phase only	1	THLK3225

Sub-feed and feed-thru lugs

UL Listed

For use in load centers to economically supply power to a subpanel.

Poles	Ampere rating	Ordering code
2	125	THLK2125
3	125	THLK3125 <sup>2</sup>
2	150	THLK2150 <sup>1</sup>
2	200	THLK2200 <sup>1</sup>
3	225	THLK3225 <sup>2</sup>

<sup>1</sup> For use with PowerMark Gold load centers only

<sup>2</sup> For use with three-phase load centers only. Includes mounting base.