

I-LINE® PLUG-ON UNIT WITH SURGELOGIC™ TVSS

A cost-effective surge protection solution that plugs onto an I-LINE panelboard or switchboard bus stack just like a circuit breaker

Features and Benefits

- Plug-on design requires less cable and conduit than wall mounting, saving labor time and material costs
- Bus connected design enhances performance
- Factory-wired phase conductors reduce the chance of installation errors
- Branch-mounted design saves wall mounting space
- UL Listed for retrofit applications in existing I-LINE panelboards and switchboards
- Integrated TVSS and circuit breaker disconnects feature compact design, requiring only 13.5" of branch mounting space
- SCCR up to 200kA rating meets a wide variety of customer applications



*I-LINE Plug-On Unit
with SURGELOGIC TVSS*

The SQUARE D I-LINE plug-on unit with SURGELOGIC TVSS is ideal for applications where protection of sensitive electronic equipment from transient over-voltages is needed. Designed to plug onto the bus stack of either an I-LINE panelboard or switchboard, this compact, easy-to-install unit can significantly reduce installation time and material cost.

In addition, the retrofit capability of the I-LINE plug-on unit with SURGELOGIC TVSS makes it well-suited for existing facilities. Square D has over thirty years of heritage with I-LINE panelboards and switchboards and, as a result, a sizable installed base. Adding surge protection, as part of system upgrades, is as simple as plugging the I-LINE plug-on unit with SURGELOGIC TVSS onto the bus.

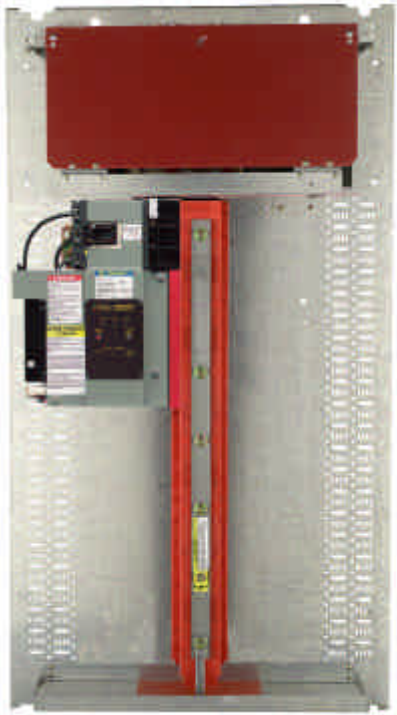


Schneider Electric Brands



SQUARE D
Schneider Electric

I-LINE® Plug-On Unit with SURGELOGIC™ TVSS



I-LINE TVSS unit plugs directly onto the bus stack

TVSS Model XGA Ordering Information

Catalog Number	Voltage	Surge Current Rating
Breaker Disconnect Type FC*		
FC1XGA16	120/240 V. 1 ϕ 3W	160 kA
FC1XGA24	120/240 V. 1 ϕ 3W	240 kA
FC2XGA16	208Y/120 V. 3 ϕ 4W	160 kA
FC2XGA24	208Y/120 V. 3 ϕ 4W	240 kA
FC3XGA16	240/120 V. 3 ϕ 4W High-leg Delta	160 kA
FC3XGA24	240/120 V. 3 ϕ 4W High-leg Delta	240 kA
FC4XGA16	480Y/277 V. 3 ϕ 4W	160 kA
FC4XGA24	480Y/277 V. 3 ϕ 4W	240 kA
Breaker Disconnect Type FI*		
FI1XGA16	120/240 V. 1 ϕ 3W	160 kA
FI1XGA24	120/240 V. 1 ϕ 3W	240 kA
FI2XGA16	208Y/120 V. 3 ϕ 4W	160 kA
FI2XGA24	208Y/120 V. 3 ϕ 4W	240 kA
FI3XGA16	240/120 V. 3 ϕ 4W High-leg Delta	160 kA
FI3XGA24	240/120 V. 3 ϕ 4W High-leg Delta	240 kA
FI4XGA16	480Y/277 V. 3 ϕ 4W	160 kA
FI4XGA24	480Y/277 V. 3 ϕ 4W	240 kA

* Select accessories options for the TVSS unit by adding a suffix code to the catalog number. Accessory options include the following:

Suffix Code	Option
(C)	Surge counter
(D)	Dry contacts
(M)	Remote monitor plus dry contacts
(CD)	Surge counter and dry contacts
(CM)	Surge counter and remote monitor plus dry contacts

Customized Solutions...

The I-LINE plug-on unit with SURGELOGIC TVSS can be fitted onto the I-LINE interiors of the SQUARE D Modular Panelboard System (MPS) or the SQUARE D Integrated Power Center (IPC). MPS and IPC are customized solutions that are ideal for retail construction applications.

