Schneider Electric

Will the AR8125 NetShelter AV Sliding Shelf Fit Into SX Racks?

Q) Is the AR8125 compatible to the SX series of cabinets?

A) Yes, but extra hardware is needed.
In the NetShelter Compatibility Chart the AR8125 is listed as only being compatible with the AV series Cabinets: AR3810, AR3812 and AR3814. With additional hardware the AR8125 can be mounted into an SX cabinet, or any cabinet with square holed vertical mounting rails.

Q) How can I mount the AR8125 into an SX cabinet?

A) Use #10-32 caged nuts: AR8005.
The AR8125 was originally designed for use with the NetShelter AV cabinets which come with #10-32 tapped rails.
The hardware that ships with AR8125 includes #10-32 screws (black in color). These attach the AR8125's sliding and stationary rails to the NetShelter AV's #10-32 tapped vertical mounting rails.
To mount the AR8125 to a NetShelter SX with square holed rails requires the use of #10-32 caged nuts. Our sku AR8005 is a pack of (36) #10-32 caged nuts.
If you try to use the M6 caged nuts and screws which ship with the NetShelter SX cabinets it won't work. The holes in the AR8125's horizontal mounting rails are 5.5mm o.d. and the M6 screw is 6mm o.d. The M6 screw is too wide to fit through the holes in the horizontal mounting rail.

Note: the AR8125 is a shallow shelf with a maximum depth of 25.25". If deeper equipment is mounting into the cabinet you may want to mount the rear of this shelf onto a recessed rail kit. This will reserve the NetShelter SX's rear vertical mounting rails for use with the deeper mounting equipment.