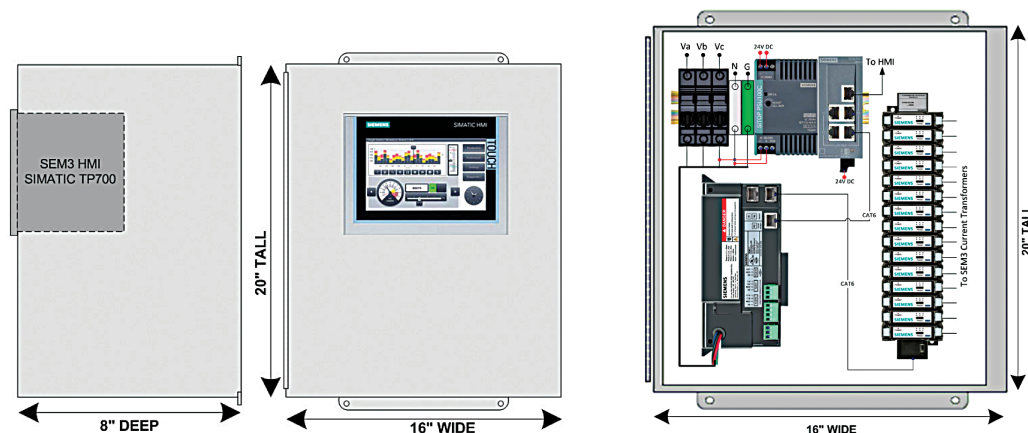


Standard Enclosures for External Applications

Typical SEM3™ with display example



The SEM3 standalone enclosure is ideal for retrofit/external wall mount applications, as it requires minimal modification of existing systems while gaining full functionality of the SEM3 branch circuit monitoring solution. Installation of the required milliamp current transformers (CT) is minimized by utilizing the Siemens Split Core CTs ranging from 50 to 1200 amps. See "Split Core CT" section.

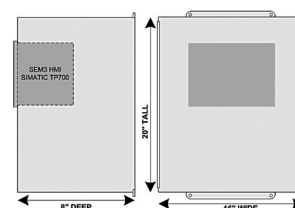
SEM3 standard enclosures are available with NEMA 1, 4 and 12 ratings. The SEM3 meter enclosure is shipped with all the required components installed. The control voltage is wired to a fusible disconnect switch to protect the system and to provide a disconnect from outside power to the meter. SEM3 CTs are self shorting, not requiring a shorting block in the enclosure/panel. The enclosure has a ground lug for equipment grounding. When the control voltage is greater than

480 volts, a CPT is provided between the disconnect switch and SEM3 controller. The enclosure is pre-drilled to make mounting quick and easy.

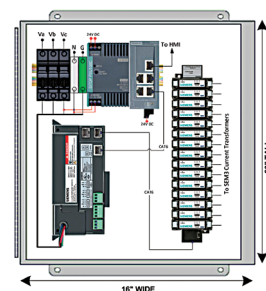
The standard enclosure comes with the controller, power supply, disconnect, meter racks, communication cables, and shoring blocks. Meter modules and CTs are added separately. As mentioned previously, the display is available as an option.

No Display Standard Enclosure for External Application – HMI, SEM3 Meter Modules, and CT's are not included

Description	Catalog Numbers
SEM3 3M ENCL Type 1 16T x 12W X 6D	US2:SEM303ENCL1
SEM3 3M ENCL Type 12 16T x 12W X 6D	US2:SEM303ENCL12
SEM3 3M ENCL Type 4 16T x 12W X 6D	US2:SEM303ENCL4
SEM3 9M ENCL Type 1 16DT x 12W X 6D	US2:SEM309ENCL1
SEM3 9M ENCL Type 12W 16DT x 12W X 6D	US2:SEM309ENCL12
SEM3 9M ENCL Type 4 16DT x 12W X 6D	US2:SEM309ENCL4
SEM3 15M ENCL Type 1 16DT x 12W X 6D	US2:SEM315ENCL1
SEM3 15M ENCL Type 12W 16DT x 12W X 6D	US2:SEM315ENCL12
SEM3 15M ENCL Type 4 16DT x 12W X 6D	US2:SEM315ENCL4
SEM3 18M ENCL Type 1 20T x 12W x 6D	US2:SEM318ENCL1
SEM3 18M ENCL Type 12W 20T x 12W x 6D	US2:SEM318ENCL12
SEM3 18M ENCL Type 4 20T x 12W x 6D	US2:SEM318ENCL4
SEM3 21M ENCL Type 1 20T x 12W x 6D	US2:SEM321ENCL1
SEM3 21M ENCL Type 12W 20T x 12W x 6D	US2:SEM321ENCL12
SEM3 21M ENCL Type 4 20T x 12W x 6D	US2:SEM321ENCL4
SEM3 30M ENCL Type 1 20T x 16W x 6.62D	US2:SEM330ENCL1
SEM3 30M ENCL Type 12W 20T x 16W x 6.62D	US2:SEM330ENCL12
SEM3 30M ENCL Type 4 20T x 16W x 6.62D	US2:SEM330ENCL4
SEM3 42M ENCL Type 1 20T x 16W x 6.62D	US2:SEM342ENCL1
SEM3 42M ENCL Type 12W 20T x 16W x 6.62D	US2:SEM342ENCL12
SEM3 42M ENCL Type 4 20T x 16W x 6.62D	US2:SEM342ENCL4
SEM3 45M ENCL Type 1 20T x 16W x 6.62D	US2:SEM345ENCL1
SEM3 45M ENCL Type 12W 20T x 16W x 6.62D	US2:SEM345ENCL12
SEM3 45M ENCL Type 4 20T x 16W x 6.62D	US2:SEM345ENCL4



SEM3 Enclosure without display



SEM3 Enclosure without meter modules installed