

# Power System Module

## PSM busbars

### PSM busbars + PSM socket modules

#### PSM busbars

The modular system facilitates basic configuration of the racks, thanks to a vertical support rail with single-/3-phase infeed.

The various socket modules to supply the active components may be snap-fitted into the support rail. This can even be done whilst the system is operational, because the support section is shock hazard-protected.

#### PSM socket modules

The various modules, earthing pins, IEC320 etc. may be inserted into the support rail in any combination. This is easily achieved, even by non-electricians, thanks to the shock-hazard-protected plug & play system.

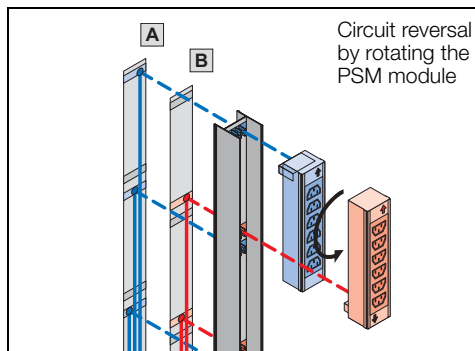
#### Approvals:

Available on the Internet

Photo shows a configuration example with equipment not included in the scope of supply

#### Technical specifications/benefits:

- Each socket module picks off a phase on the support rail, either from infeed **A** or from the redundant infeed **B**, depending on the direction of connection.
- Single-/3-phase construction with a maximum current of 2 x (3 x 16 A).
- 3-phase redundant infeed supported
- The redundant circuit is completely separate from the 3 phases of the support rail
- Modules may be retrofitted whilst operational
- Modules may be equipped with integral overcurrent protection, so that only the affected module is deactivated in the event of an excessively high current; the other modules remain operational
- Overvoltage protection may be integrated into the supply line
- Various modules also available with current measurement and switchable outputs



### PSM busbars

For enclosure height mm	Phases per infeed	No. of infeeds	Input current (A)	Max. no. of module slots	Connection, connector type	Circuit breaker 16 A	Packs of	Model No.
<b>1 With measurement of voltage, current and power (consumption) via CMC, remote-controllable</b>								
2000	3	2	16	6	Wago X-COM	–	1 pc(s).	<b>7859.050</b>
2000	1	1	32	6	CEE	2	1 pc(s).	<b>7859.053</b>
<b>2 With 2 infeeds (jack), 3-phase redundancy</b>								
1200	3	2	16	4	Wago X-COM	–	1 pc(s).	<b>7856.010</b>
2000	3	2	16	7	Wago X-COM	–	1 pc(s).	<b>7856.020</b>
2200	3	2	16	8	Wago X-COM	–	1 pc(s).	<b>7856.008</b>
<b>3 With 3 m connection cable (connector type CEE/EN 60 309)</b>								
2000	3	1	16	7	CEE	–	1 pc(s).	<b>7856.005</b>
2000	3	2	16	7	CEE	–	1 pc(s).	<b>7856.006</b>
<b>4 With 3 m connection cable (connector type CEE/EN 60 309)</b>								
2000	1	1	32	6	CEE	2	1 pc(s).	<b>7856.321</b>
2000	3	1	32	6	CEE	6	1 pc(s).	<b>7856.323</b>

#### ! Also required:

- PSM socket modules, see page 411

#### + Accessories:

- Mounting kit for PSM busbars, see page 413
- Connection cables, see page 413
- Cable lock, see page 413
- Overvoltage protection, see page 413

