

THE SAFE CHOICE – NOW MADE SMARTER.






# SENTRON circuit protection devices with measuring and communication function

## Increasing transparency and system availability

5SL6 COM miniature circuit breakers and 5SV6 COM AFDDs not only protect against short circuits, overcurrent and arcing faults, they also feature measuring and communication functions – and all this with only 1 MW. This helps enhance availability and improve planning of maintenance work. The standard SENTRON circuit protection devices can easily be expanded with the communicative 5ST3 COM auxiliary and fault signal contacts.

The measured values from up to 24 communication-capable circuit protection devices can be acquired on each 7KN Powercenter 1000 and can easily be transferred to higher-level systems for further visualization and evaluation.

The communication-capable 3NA COM LV HRC fuse link enables, with the same size, easy retrofitting in existing systems, bringing digitization to secondary substations.

<b>Alarm signals when exceeding a limit value</b> 	<ul style="list-style-type: none"> <li>Prevention of failure through early responses / counter-measures</li> </ul>	<b>Detection of current, voltage, mains frequency and temperature</b> 	<ul style="list-style-type: none"> <li>Conclusions with regard to malfunctions of equipment in the branch circuit</li> </ul>
<b>Integrated operating-cycles counter, operating hour and trip counter</b> 	<ul style="list-style-type: none"> <li>Planned replacement of circuit protection devices</li> <li>Predictive maintenance</li> </ul>	<b>Differentiation between conscious disconnection and tripping caused due to faults</b> 	<ul style="list-style-type: none"> <li>Streamlined, targeted and time-saving troubleshooting</li> </ul>
<b>Measurement of energy and power values</b> 	<ul style="list-style-type: none"> <li>Overview of energy consumption levels from the grid feed right down to the branch circuit</li> </ul>		

**SIEMENS**

[siemens.com/circuit-protection](https://www.siemens.com/circuit-protection)

Take a look at our specially priced bundles.

### Bundle 1



Scope of supply	Article No.
2× 5SL6 MCB COM B16	7KN1110-0XC01
1× 5SV1 RCBO	
1× 5ST3 AS/FC COM	
1× 7KN Powercenter 1000	

### Bundle 2



Scope of supply	Article No.
2× 5SL6 MCB COM C16	7KN1110-0XC02
1× 5SV1 RCBO	
1× 5ST3 AS/FC COM	
1× 7KN Powercenter 1000	

### Bundle 3



Scope of supply	Article No.
1× 7KN Powercenter 1000	7KN1110-0XC03
3× 3NA COM LV HRC fuse links, 250 A gG	
1× 3NP1 fuse switch disconnectors	

### Bundle 4



Scope of supply	Article No.
9× 3NA COM LV HRC fuse links, 250 A gG	7KN1110-0XC04
1× 7KN Powercenter 1000	
1× 7KN Powercenter 3000	

### Bundle 5



Scope of supply	Article No.
9× 3NA COM LV HRC fuse links, 250 A gG	7KN1110-0XC05
1× 7KN Powercenter 1000	

You can find more information on the Internet at:

Circuit protection devices



3NA COM



**Circuit protection devices:** [www.siemens.com/circuit-protection](http://www.siemens.com/circuit-protection)  
**3NA COM:** [siemens.com/3NA-COM](http://siemens.com/3NA-COM)

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