

Project planning

for directional fault indicators Sigma and ComPass series

Company	<input type="text"/>	Contact partner	<input type="text"/>	Phone	<input type="text"/>
Project	<input type="text"/>				

Network informationen

Operating voltage V _{Nom} <input type="text"/> kV	Neutral point treatment <input type="text"/>
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Switchgear

Manufacturer <input type="text"/>	Type <input type="text"/>	Year of construction <input type="text"/>	Panel name <input type="text"/>
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Gas-insulated/solid insulated
 C1 capacity pF or panel type
 Cable length from panel to Wega m

Air insulated
 C1 capacity pF or sensor Type
 Cable length from sensor to Wega m

Capacity voltage signal

System solution - Wega	System solution - Wega to HR interface	Direct connection - capacitive post insulator
<input type="checkbox"/> Wega 1 <input type="checkbox"/> Wega 2 <input type="checkbox"/> Wega 1 V <input type="checkbox"/> Wega 2 V	<input type="checkbox"/> Wega 1 V <input type="checkbox"/> Wega 2 V	<input type="checkbox"/> Interface cable for capacitive post insulator

Cable length between voltage signal and Sigma / ComPass m

Resistive voltage signal

<input type="checkbox"/> Yes	<input type="checkbox"/> No
Gas- / solid insulated switchgear <input type="checkbox"/> RDP1-24/RDP1-36 <input type="checkbox"/> RDP3-24/RDP3-36 <input type="checkbox"/> RDP5-24/RDP5-36 <input type="checkbox"/> RDP2-24/RDP2-36 <input type="checkbox"/> RDP4-24 <input type="checkbox"/> RDG3-24	Air-insulated Switchgear <input type="checkbox"/> RDM3-24

Directional fault indicator

Monitoring and control function	Standard	Monitoring
<input type="checkbox"/> ComPass Bs 2.0 / ComPass D	<input type="checkbox"/> Sigma D <input type="checkbox"/> Sigma D ⁺¹) <input type="checkbox"/> Sigma D ⁺⁺ <input type="checkbox"/> Sigma DM	<input type="checkbox"/> ComPass B <input type="checkbox"/> ComPass B 2.0

Current signal

<input type="checkbox"/> Single-phase current sensor for retrofit on insulated cables	<input type="checkbox"/> Single-phase current sensors for new installations on bushings
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Cable length between Sigma / ComPass and current signal m

Your comments

¹⁾ We recommend the use of an additional summation current sensor for the transient earth fault method.