

Project planning

For directional fault indicators Sigma D series and ComPass B series

Company		Contact person		Phone	
Project					
Network information					
Operating voltage V_{Nom}		kV		Neutral point treatment	
Switchgear					
Manufacturer		Type		Year of construction	
Panel name					
Gas-insulated /solid insulated			Air-insulated		
C1 capacity		pF or panel type		C1 capacity	
Cable length from panel to Wega		m		pF or sensor type	
Cable length from panel to Wega		m		Cable length from sensor to Wega	
m					
Capacitive voltage signal					
Gas-/solid/air-insulated switchgear				Air-insulated switchgear	
System solution – Wega		System solution – Wega to HR interface		Direct connection – capacitive post insulator	
Wega 1.2 C Wega 1.2 C vario Wega 2.2 C		Wega 1.2 C vario		Interface cable for capacitive post insulators	
Cable length between voltage signal and Sigma/ComPass					
m					
Resistive voltage signal					
Yes				No	
Gas- /solid insulated swichgear			Air-insulated switchgear		
RDP1-24		RDP3-24	RDP5-24	RDM3-24	
RDP2-24		RDP4-24	RDG3-24		
Directional fault indicator					
Monitoring and control function		Standard			Monitoring
ComPass Bs 2.0		Sigma D	Sigma D ⁺¹⁾	Sigma D ⁺⁺	ComPass B 2.0
Current signal					
Single-phase current sensor for retrofit on insulated cables			Single-phase current sensor for new installations on bushings		
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.