





Overview

		IKI-50	IKI-50-PULS-EW	IKI-20	IKI-20PULS
					
Item No.		2500446	2500448	2500971	2500992
Short-circuit		X	X	X	X
Directional short-circuit		X	X		
Earth fault		X	X	X	X
Directional earth-fault		X	X		
Directional earth-fault sensitive (cos(phi))		X	X		
Directional earth-fault transient			X		
Earth fault Pulsation method			X		X
Load monitoring		X	X		
Control of switchgear		X	X		
Protection relay DMT, IDMT					
Neutral earthing	Type of fault, recommendation				
Recommended CTs (Item No)					
Peterson coil	Short-circuit	3 IKI-LUM (2501381)	3 IKI-LUM (2501381)	3 IKI-LU (2503381)	3 IKI-LU (2503381)
	incl. earth fault	3 IKI-LUM + 1 IKI-SU-EDI (2506381) (Wattmetrik) 2)	3 IKI-LUM (2501381) (Wischer, Pulsortung)		3 IKI-LU (2503381) + 1 IKI-SU/PULS (2505381)
isolated	Short-circuit	3 IKI-LUM (2501381)	3 IKI-LUM (2501381)	3 IKI-LU (2503381)	3 IKI-LU (2503381)
	incl. earth fault	3 IKI-LUM (2501381) + 1 IKI-SU-EDI (2506381) (Wattmetrik) 2)	3 IKI-LUM (2501381) (Wischer, Pulsortung)		
solidly or resistance earthed	Short-circuit	3 IKI-LUM (2501381)		3 IKI-LU (2503381)	3 IKI-LU (2503381)
	incl. earth-fault	3 IKI-LUM (2501381)		3 IKI-LU (2503381)	

Types of CTs for screened and non-screened cable





CT for screened cable	CT for non-screened, isolated cable 1)
IKI-LU (2503381)	IKI-LU-ISO (2510381)
IKI-LUM (2501381)	IKI-LUM-ISO (2500461)
IKI-30-LU (2502030)	IKI-30-LU-ISO (2502983)

1) e.g. paper isolated three-core-cable

2) only with 1F-SW

IKI-Line

Overview

		IKI-20C	IKI-20CPULS	IKI-22	IKI-30
					
Item No		2500378	2503000	2501991	2502286
Short-circuit		X	X	X	X
Directional short-circuit				X	
Earth fault				X	X
Directional earth fault				X	
Directional earth fault sensitive (cos(phi))					
Directional earth-fault transient				X	
Earth fault pulsation method			X		
Load monitoring					
Control of switchgear					
Protection relay DMT, IDMT					
Neutral earthing	Type of fault, recommendation				
Recommended CTs (Item No)					
Peterson coil	Short-circuit	3 IKI-LU-1500 (2501808)	3 IKI-LU-1500	3 IKI-LU-1500 (2501808)	3 IKI-30-LU (2502030)
	incl. earth-fault		3 IKI-LU-1500 + 1 IKI-SU-PULS (2506381)	3 IKI-LU-1500 (2501808)	3 IKI-30-LU (2502030) + 1 IKI-GSU
isolated	Short-circuit	3 IKI-LU-1500 (2501808)		3 IKI-LU-1500 (2501808)	3 IKI-30-LU (2502030)
	incl. earth-fault			3 IKI-LU-1500 (2501808)	3 IKI-30-LU (2502030) + 1 IKI-GSU
solidly or resistance earthed	Short-circuit	3 IKI-LU-1500 (2501808)		3 IKI-LU-1500 (2501808)	3 IKI-30-LU (2502030)
	incl. earth-fault	3 IKI-LU-1500 (2501808) 1)		3 IKI-LU-1500 (2501808)	3 IKI-30-LU (2502030) + 1 IKI-GSU

CTs for mounting on bushing

Type of switchgear	Type	Item No
Driescher Minex	IKI-HB-DW	2501042
Ormazabal GA	IKI-LU2	2500615
Areva / Schneider FBX	IKI-LU/FBX	2501453
Siemens 8DJ	IKI-DFW-Si	2500859

1) from 400A onwards

2) only version 1F-SW