



### Main

Range of product	FBX
Product or component type	Cable incoming or outgoing feeder with switch-disconnector and earthing switch
Network type	AC
Network frequency	50/60 Hz
[Ur] rated voltage	12...24 kV
[Ir] rated current	630 A
Bus rated current	630 A 1250 A
[Icw] rated short-time withstand current	16 kA at 1 s 21 kA at 1 s 21 kA at 3 s 25 kA at 1 s 16 kA at 3 s
Internal arc	16 kA at 1 s class AFL 16 kA at 1 s class AFLR (with exhaust towards the bottom) 20 kA at 1 s class AFL 20 kA at 1 s class AFLR (with exhaust towards the bottom) 25 kA at 1 s class AFL (with exhaust towards the bottom) NKT cable required for two cables per phase fitting

### Complementary

Extensibility	RE (right extensible) DE (double extensible) NE (not extensible)
Bushing type	Type C (standard) Type C (test cable option) Type B (option)
Pressure detection in cubicle	Standard manometer without contact (< 1000 m, minimum temperature-5 °C) Pressure gauge with position contact (< 1000 m, minimum temperature-5 °C) Standard densimeter without contact (>= 1000 m, minimum temperature-25 °C) Densimeter with position contact (>= 1000 m, minimum temperature-25 °C)
Operating handle	Standard Extended version Anti reflex version
User manual	English French German Hungarian

Italian  
Polish  
Portuguese  
Russian  
Spanish

Interlocking type	ESW + LBSW
Cable entry	1 cable entry per phase 1 cable entry per phase with surge arrester 2 cable entry per phase 3 cable entry per phase
Cable box type	Standard without window Standard with window Minimized without window
Control type	Motor mechanism 24...220 V at DC Manual Motor mechanism 100...230 V at AC
Auxiliary contact composition	2 NO + 2 NC switch disconnecter 1 NO + 1 NC earthing switch
Local signalling	F21D Voltage presence indicator light F22D F23D F23DM Voltage presence indicator light Horstmann Voltage presence indicator light Kries Fault indication Horstmann Fault indication Kries

## Environment

IP degree of protection	Tank with HV parts : IP67 Low voltage control compartment : IP3x Cable compartment : IP2xC Front face + mechanism : IP2x (standard) Front face + mechanism : IP33 (optional)
IK degree of protection	IK07
Height	1380 mm (standard) 1040 mm (optional)
Width	360 mm
Depth	752 mm
Ambient air temperature for operation	-5...40 °C (standard) -25...40 °C (optional) -5...55 °C (optional - for reduced service currents)
Operating altitude	<= 1000 m
Standards	IEC 62271-1