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2980

2400

2800 (Stranded cable length)

1350

605

185

Earthed layer

30

23

70

Ø 233

Ø 108

Ø 48

Ø 450

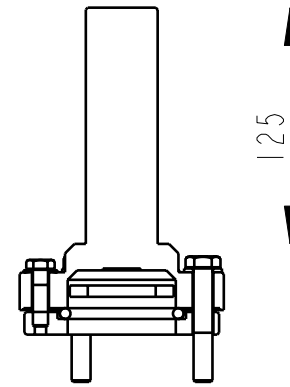
M12 (2x)

for iii

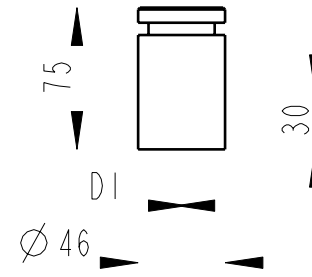
Ø 400

OUTER TERMINAL

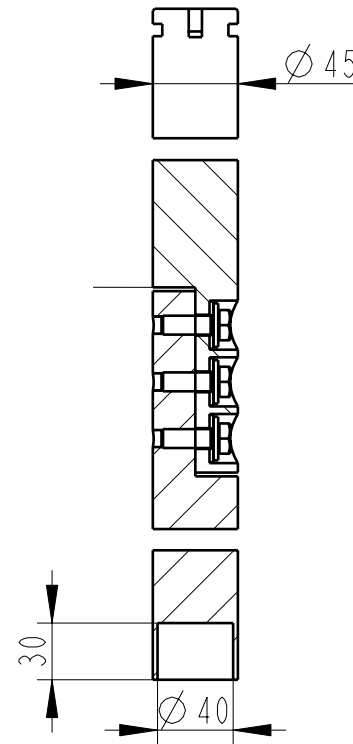
D2



INNER TERMINAL FOR STRANDED CABLE



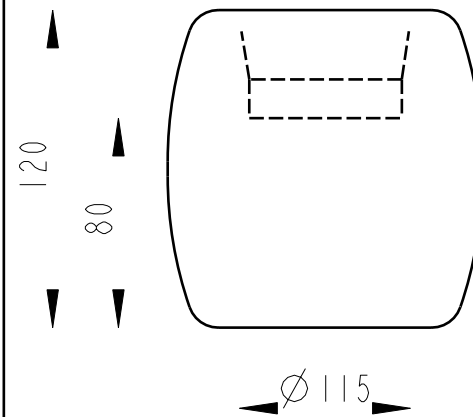
SOLID ROD CONNECTOR



The solid rod can be divided either:
Alt.1: 20mm below the bushing flange or
Alt.2: 20mm below the upper end of the bottom porcelain

END SHIELD

Ø 168



Bushing Data:

Rated Voltage	245	kV
Phase to Ground Voltage	200	kV
Dry Lightning Impulse 1,2/50µs	1050	kV
Wet Switching Impulse	850	kV
Wet power frequency AC	550	kV
Routine test 1min dry 50Hz	505	kV
Rated Current	1600	A
Creepage Distance	7750±200	mm
Mass	405	kg

Ordering Data:

BUSHING	COLOUR AIR INSULATOR	
LF 125 060-F	BROWN	
LF 125 060-N	LIGHT GREY	
OUTER TERMINAL	Material	D2
LF 170 017-BA	Al	Ø 30
LF 170 017-BC	Al	Ø 60
LF 170 017-BB	Cu	Ø 30
LF 170 017-BH	Cu	Ø 40
OTHER TYPES ON REQUEST		
INNER TERMINAL FOR STRANDED CABLE	Conductor area	D1
LF 170 018-AB	up to 95mm ²	Ø 15
LF 170 018-AC	up to 285 mm ²	Ø 30
LF 170 018-AD	up to 740 mm ²	Ø 42
LF 170 018-AA	Undrilled with pilot hole Ø 5	
SOLID ROD CONNECTOR		
LF 170 032-AH for Alt.1		
LF 170 032-AL for Alt.2		
END SHIELD	Insulation	
LF 170 020-R	Epoxy	
LF 170 020-U	Pressboard (thickness 3mm)	

ABB Components Ludvika, Sweden	
No.	
Ur/Ur	kV Ir A 50/60 Hz
LI / SI / AC	kV
M	kg L mm ✓
C1	pF Tan δ s
C2	pF Tan δ s

Based on	Reg. No.	Title	GOM 1050-850-0.6
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Approved Johansson	Take over department		Language 82
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