

PRODUCT + BENEFITS

- + Box used today by DTAG, compliant to their network & specification
- + Compact boxes for a limited wall footprint
- + E@sy'Secure quick and strong anchoring system on NE3 entry port
- + Homogenous design of boxes for buildings of 1 to 64 Living Units
- + All optical components are compliant with DT performance specifications
- + IP55 rating
- + All splices are stored within dedicated splice trays

PRESENTATION

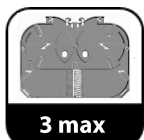
The Gf-AP (Glasfaser-Abschlusspunkt) constitutes the physical and legal network termination of DT's GPON-based, point-to-multipoint FTTH optical access network. It serves as an optical fiber branch device in multi-dwelling buildings, separating NE3 from NE4.



IP55 | IK08



7 max



3 max

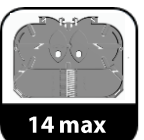
Gf-AP size S



IP55 | IK08



36 max



14 max

Gf-AP size M



PRODUCT SPECIFICATIONS

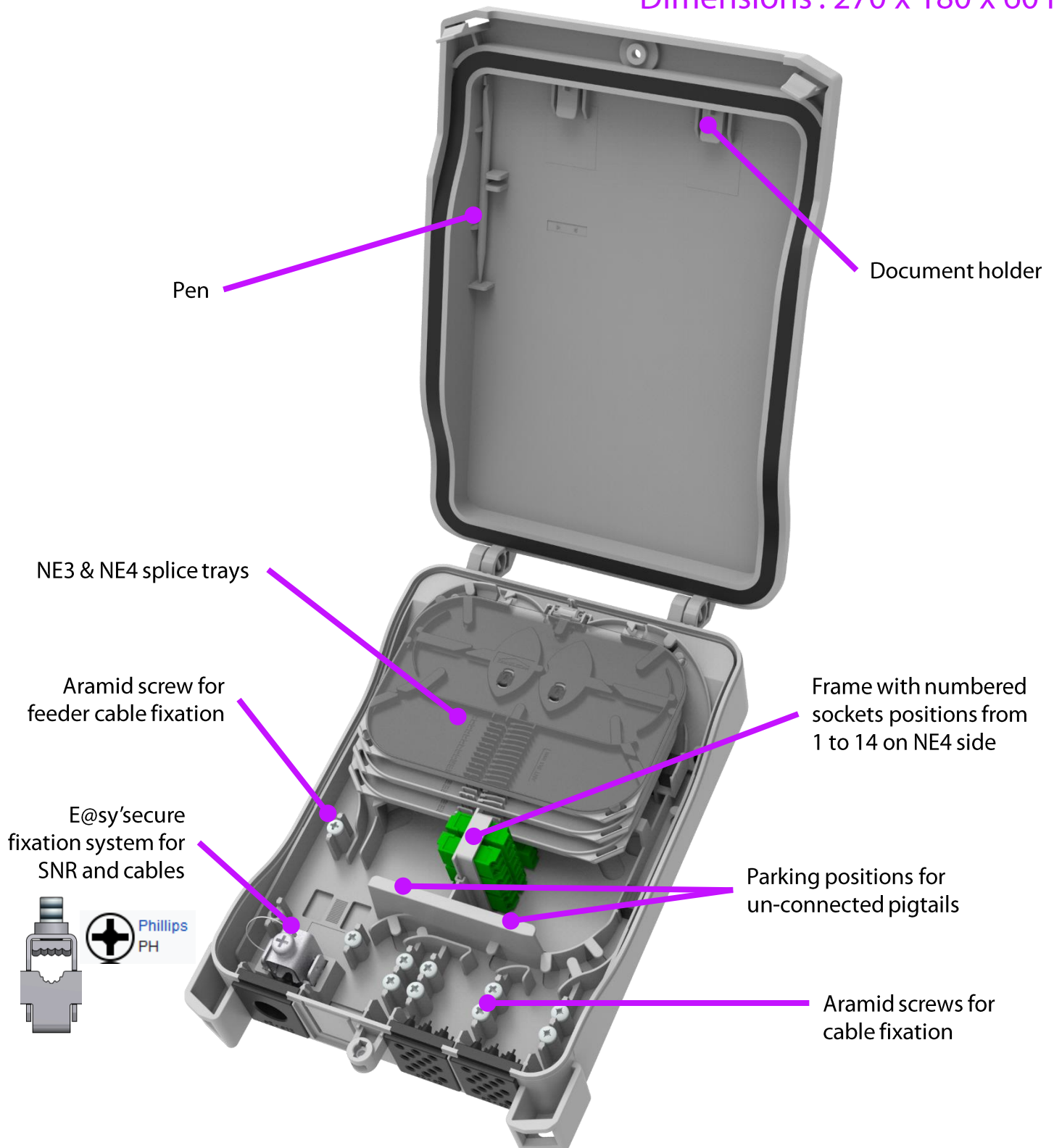
Features	Performance		Reference standard
	OneBox size S	OneBox size M	
LU capacity	1-3, 4-8, 9-12	13-20, 21-32, 33-64	-
Dimensions	270 x 180 x 60 mm	400 x 250 x 110 mm	-
Weight (min to max depending on the models)	0,80 kg to 0,90 kg	1,80 kg to 2,25 kg	-
IP rating	IP55		DIN EN 60529
Impact	IK08		DIN EN 61300-2-12 at -25°C
Materia	PC compound		-
Flame resistance	V0		UL94
UV resistance	Compliant		DIN EN ISO 4892 3: method B, cycle n°5 (350 h)
Compatible fiber type	G652D, G657A1, G657A2		Minimum curves of radius 30 mm
Compatible input cables & SNR	7/4 mm SNR 7 mm direct-buried cable 8,1x4,5 mm oval aerial cable	7/4 mm SNR 12/8 mm SNR 7 mm direct-buried cable 8,1x4,5 mm oval aerial cable	-
Compatible output cables	2-3 mm cable 5,5 mm cable 4,3-8,0 mm facade cable		-
Anchoring method	E@sy' Secure system for SNR Screw to fix the aramid yarns or FRP of the cables		-
Restriction of unauthorized access	Thread for coded M4x19 screw		-
Sockets	Flangless duplex LC/APC Grade B IL ≤ 0,15 dB		IEC 61300-3-4 Method B
Pigtails	LC/APC plug G657A1 fiber 12 colors		DT TS 0311/96, Teil 4 c DT TS 0311/96, Teil 4 c DIN IEC 60304
Couplers	Capacity 1:4 & 1:32 Bare fiber (250 µm) without connector on input side with identification ring 900 µm Yellow-tubed fiber pre-terminated on output side Identification number on the coupler body		DT TS Coupler 2017_EN
Plugs (of pigtails and couplers)	LC/APC 8° Class B/1 RL > 55 dB unplugged Plugs & bend protection green RAL6024		IEC 61754-20 EN 61755 2 2:2006

SPLICE TRAY SPECIFICATIONS

Features	Splicetray performance	Reference standard
Compatible splice protectors	ANT crimp splice protectors	-
Number of splice protectors	12	-
Compatible fiber type	G652D, G657A1, G657A2	Minimum curves of radius 30 mm
Height of the splice tray	6 mm	-
Length of 250 µm fiber that can be stored	> 36 m	Storage of 2x12 pigtails of 1,50 m

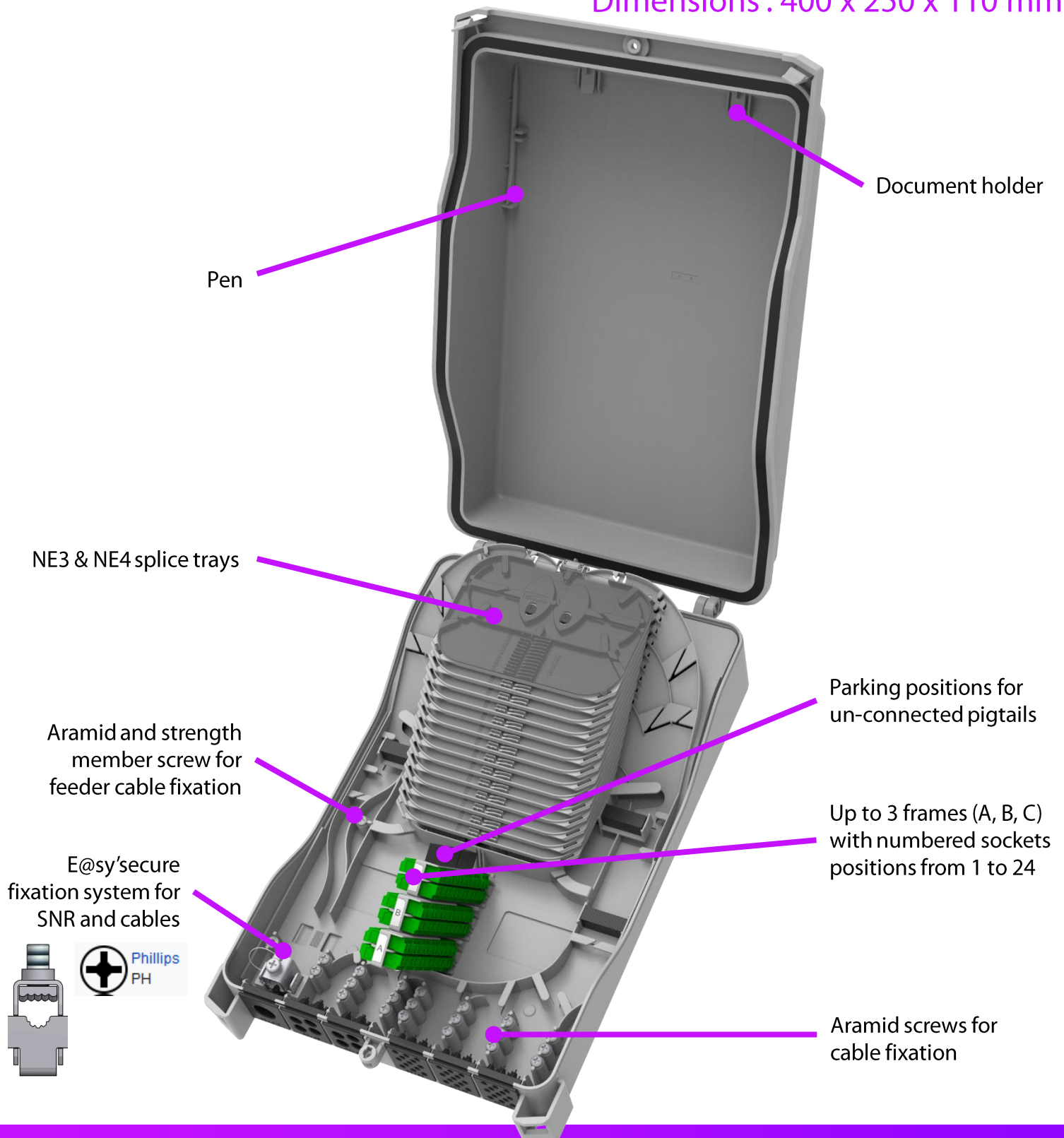
DRAWING BOX SIZE S

Dimensions : 270 x 180 x 60 mm

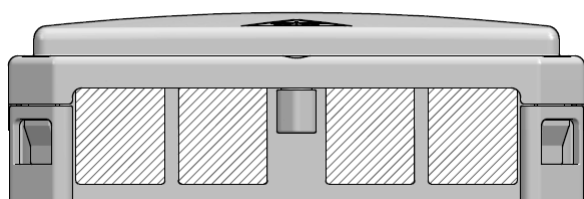


DRAWING BOX SIZE M

Dimensions : 400 x 250 x 110 mm



SEALINGS



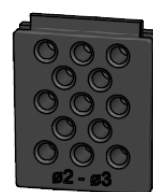
Box size S

4 possible entry ports

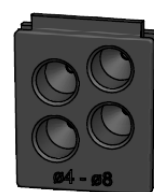
Delivered seals in OneBox models :



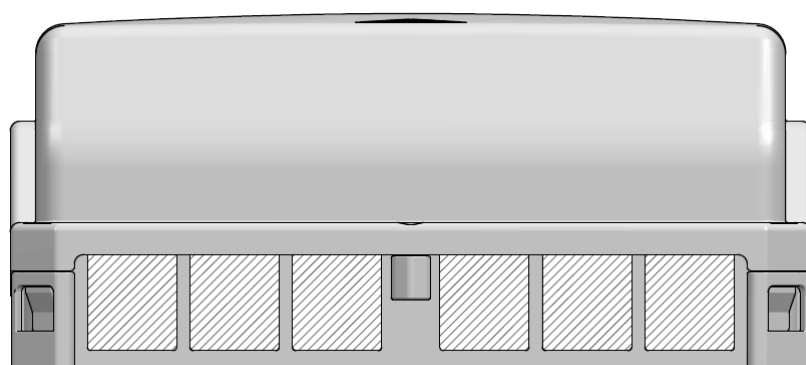
1 x ø2-12 mm



13 x ø2-3 mm



4 x ø4-8 mm



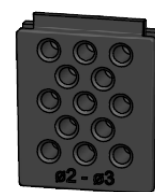
Box size M

6 possible entry ports

Delivered seals in OneBox models :



1 x ø2-12 mm



13 x ø2-3 mm



4 x ø4-8 mm

ORDERING INFORMATION

Part number	Part name	Sealing ports	Optical components	Splice trays & others
XP310	LUNA S 1-3WE	1 sealing port 1x 2-12mm 1 sealing port 13x 2-3mm	3 x pigtails 2 x LC/APC duplex sockets	1 x splice tray red identification 1 x splice tray green identification 3x Ø5x50mm screws + 3x pegs 1 tool / pen for pigtail positioning
XP311	LUNA S Splitter 4-8 WE	1 sealing port 1x 2-12mm 1 sealing port 13x 2-3mm 1 sealing port 4x 4-8 mm	2x Splitters 1:4 4 x LC/APC duplex sockets	1 x splice tray red identification 2 x splice tray green identification 3x Ø5x50mm screws + 3x pegs 1 tool / pen for pigtail positioning
XP312	LUNA S Splitter 9-12 WE	1 sealing port 1x 2-12mm 1 sealing port 13x 2-3mm 1 sealing port 4x 4-8 mm	3x Splitters 1:4 6 x LC/APC duplex sockets	1 x splice tray red identification 2 x splice tray green identification 3x Ø5x50mm screws + 3x pegs 1 tool / pen for pigtail positioning
XP313	LUNA M Splitter 13-20 WE	1 sealing port 1x 2-12mm 2 sealing port 13x 2-3mm 2 sealing port 4x 4-8 mm	5x Splitters 1:4 10 x LC/APC duplex sockets	1 x splice tray red identification 4 x splice tray green identification 3x Ø5x50mm screws + 3x pegs 1 tool / pen for pigtail positioning
XP314	LUNA M Splitter 21-32 WE	1 sealing port 1x 2-12mm 3 sealing port 13x 2-3mm 2 sealing port 4x 4-8 mm	1x Splitters 1:32 16 x LC/APC duplex sockets	2 x splice tray red identification 6 x splice tray green identification 3x Ø5x50mm screws + 3x pegs 1 tool / pen for pigtail positioning
XP315	LUNA M Splitter 33-64 WE	1 sealing port 1x 2-12mm 5 sealing port 13x 2-3mm 2 sealing port 4x 4-8 mm	2x Splitters 1:32 32 x LC/APC duplex sockets	2 x splice tray red identification 12 x splice tray green identification 3x Ø5x50mm screws + 3x pegs 1 tool / pen for pigtail positioning