

## Declaration of Performance No. DOP1029

27.6.2013

### MANUFACTURER:

**Abloy Oy**  
**Joensuu factory**  
 Wahlforssinkatu 20  
 FI-80100 Joensuu  
 FINLAND

System or systems of assessment and verification of constancy of performance of the construction product: **AVCP 1**

### NOTIFIED PRODUCT CERTIFICATION BODY:

**VTT Expert Services Ltd**  
 ID No: 0809  
 P.O.Box 1001  
 FI-02044 VTT  
 FINLAND

Notified product certification body performed the determination of the product type on the basis of type testing (including sampling), initial inspection of the manufacturing plant and of the factory production control and continuous surveillance, assessment and evaluation of factory production control and issued the certificate of constancy of performance of the product.

No. 0809-CPD-0764

### PRODUCT AND DESCRIPTION

**Electric lock type:**  
**EL580, EL582, PE580, EL581, EL583, EL980, EL981, EL982, LE932, PE932, LE943, PE943**

Category of use	3	Doors in public buildings	EN14846:2008
Durability and load on latchbolt	S	200 000 cycles with 50N sideload	
Door mass and closing force	5	up to 200kg closing force max.25N	
Suitability for use on fire/smoke doors	D	EI60 fire doors	
Safety	-	see EN179 and EN1125	
Corrosion resistance, temperature and humidity	L	96h, -25°C to +70°C, level 2	
Security	3	Medium security, no drill resistance	
Security - electrical function	1	Indication	
Security - electrical manipulation	1	Grade 1	

**Electric lock type:**  
**EL480, EL482, EL590, EL591, PE590, PE592, EL490, EL491, LE982, PE982, LE953, PE953**

Category of use	3	Doors in public buildings	sEN14846:2008
Durability and load on latchbolt	S	200 000 cycles with 50N sideload	
Door mass and closing force	5	up to 200kg closing force max.25N	
Suitability for use on fire/smoke doors	C	EI30 fire doors	
Safety	-	see EN179 and EN1125	
Corrosion resistance, temperature and humidity	L	96h, -25°C to +70°C, level 2	
Security	3	Medium security, no drill resistance	
Security - electrical function	1	Indication	
Security - electrical manipulation	1	Grade 1	

**Electric lock type:**  
**EL402, EL502**

Category of use	3	Doors in public buildings	EN14846:2008
Durability and load on latchbolt	S	200 000 cycles with 50N sideload	
Door mass and closing force	8	up to 200kg closing force max.15N	
Suitability for use on fire/smoke doors	0	Not approved	
Safety	-	see EN179 and EN1125	
Corrosion resistance, temperature and humidity	L	96h, -25°C to +70°C, level 2	
Security	3	security, no drill resistance	
Security - electrical function	1	Indication	
Security - electrical manipulation	1	Grade 1	

**Electric lock type:  
EL587, EL588, EL754, EL755**

Category of use	3	Doors in public buildings	EN14846:2008
Durability and load on latchbolt	S	200 000 cycles with 50N sideload	
Door mass and closing force	5	up to 200kg closing force max.25N	
Suitability for use on fire/smoke doors	D	EI60 fire doors	
Safety	-	see EN179 and EN1125	
Corrosion resistance, temperature and humidity	L	96h, -25°C to +70°C, level 2	
Security	3	security, no drill resistance	
Security - electrical function	1	Indication	
Security - electrical manipulation	3	Grade 3	

**Electric lock type:  
EL572, EL573, EL574, EL575, EL577, EL874, EL875**

Category of use	3	Doors in public buildings	EN14846:2008
Durability and load on latchbolt	S	200 000 cycles with 50N sideload	
Door mass and closing force	5	up to 200kg closing force max.25N	
Suitability for use on fire/smoke doors	D	EI60 fire doors	
Safety	-	see EN179 and EN1125	
Corrosion resistance, temperature and humidity	L	96h, -25°C to +70°C, level 2	
Security	5	High security with drill resistance	
Security - electrical function	1	Indication	
Security - electrical manipulation	1	Grade 1	

**Electric lock type:  
EL558, EL559**

Category of use	3	Doors in public buildings	EN14846:2008
Durability and load on latchbolt	S	200 000 cycles with 50N sideload	
Door mass and closing force	5	up to 200kg closing force max.25N	
Suitability for use on fire/smoke doors	D	EI60 fire doors	
Safety	-	see EN179 and EN1125	
Corrosion resistance, temperature and humidity	L	96h, -25°C to +70°C, level 2	
Security	5	High security with drill resistance	
Security - electrical function	1	Indication	
Security - electrical manipulation	3	Grade 3	

**Electric lock type:  
EL648**


Category of use	3	Doors in public buildings	EN14846:2008
Durability and load on latchbolt	S	200 000 cycles with 50N sideload	
Door mass and closing force	8	up to 200kg closing force max.15N	
Suitability for use on fire/smoke doors	D	EI60 fire doors	
Safety	-	see EN179 and EN1125	
Corrosion resistance, temperature and humidity	L	96h, -25°C to +70°C, level 2	
Security	5	High security with drill resistance	
Security - electrical function	1	Indication	
Security - electrical manipulation	1	Grade 1	

**Electric lock type:  
EL654, EL655**

Category of use	3	Doors in public buildings	EN14846:2008
Durability and load on latchbolt	S	200 000 cycles with 50N sideload	
Door mass and closing force	8	up to 200kg closing force max.15N	
Suitability for use on fire/smoke doors	D	EI60 fire doors	
Safety	-	see EN179 and EN1125	
Corrosion resistance, temperature and humidity	L	96h, -25°C to +70°C, level 2	
Security	5	High security with drill resistance	
Security - electrical function	1	Indication	
Security - electrical manipulation	3	Grade 3	

Joensuu 2013-06-27

On behalf of Abloy Oy, Electric locks



Minna Sallinen  
Vice President