

At 90° 0,41m² At 0° 0,05m² At 15° 0,13m² RG1

Inrush Current (230VAC) (Apk/μs)	340/220
Luminaire Surge Protection	4KV
Luminaire Surge Protection with SPD Optional	10KV

	LED color	LEDs	lumen	W +/-10%	Grounding	Square	Ta Max. °C		Ta Min. °C	kg	
							Outdoor	Indoor			
740 / 757	LED750-4S		75000	520			25	15			
	LED700-4S		70000	485			45*				
	LED650-4S		65000	440							
	LED600-4S	184	60000	405	✓	✓		35	-40	24kg	
	LED550-4S		55000	360			45				
	LED500-4S		50000	325							
	LED450-4S		45000	285							
830	LED570-4S		57000	550			35	25			
	LED530-4S		53000	500			45	35			
	LED490-4S		49000	445							
	LED440-4S	184	44000	390	✓	✓				-40	24kg
	LED400-4S		40000	345							
	LED360-4S		36000	305							
	LED310-4S		31000	260							

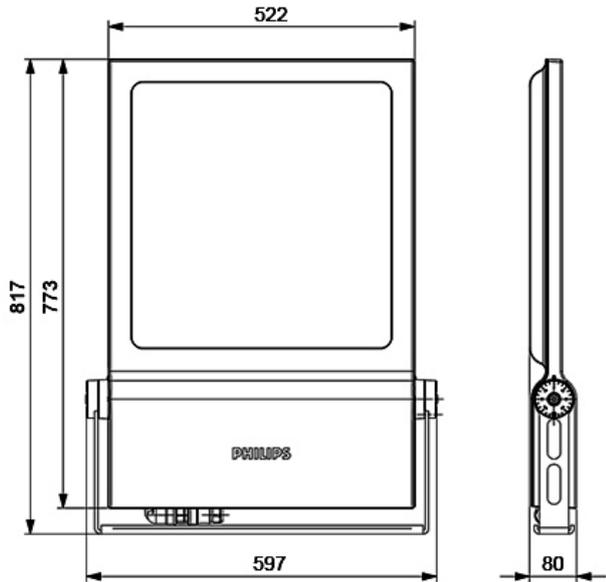
*only with OFA52 and S optics. (ETO based)

Type of electrical protection installation	Maximun number of luminaires to install	
MCB16A	B TYPE	1
	C TYPE	3
MCB10A	B TYPE	1**
	C TYPE	2**

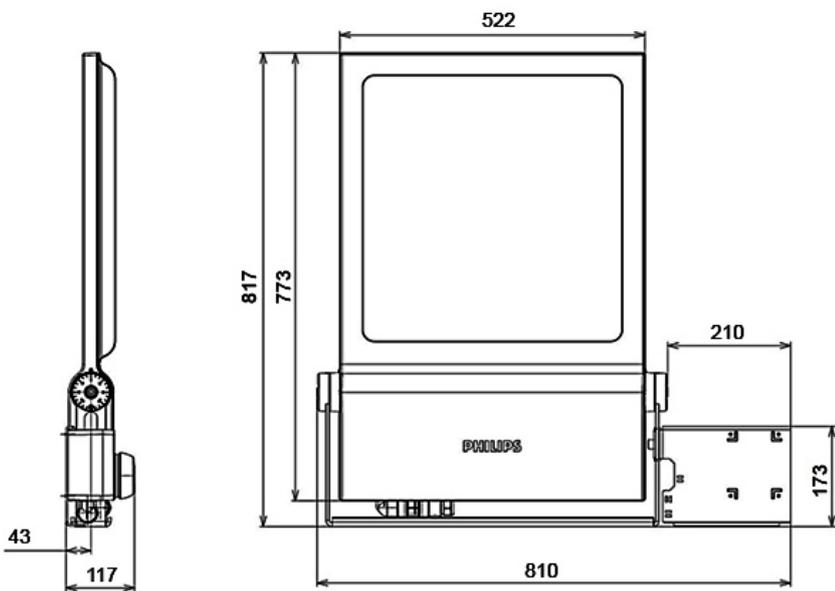
** Only in luminaires with CityTouch

Outdoor					Indoor		
T ambient = 25 °C	30°C	35°C	40°C	45°C	T ambient = 25 °C	30°C	35°C
Flux Reduction (%)	-1%	-2%	-3%	-4%	Flux Reduction (%)	-1%	-2%

If Ta<45°C, there are no restrictions in the position of the luminaire.

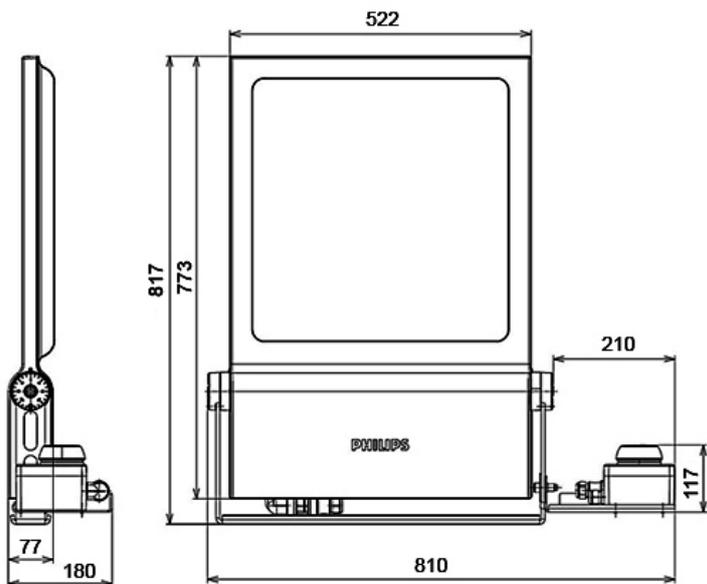


STANDARD VERSION



Position A

CITYTOUCH VERSION



Position B

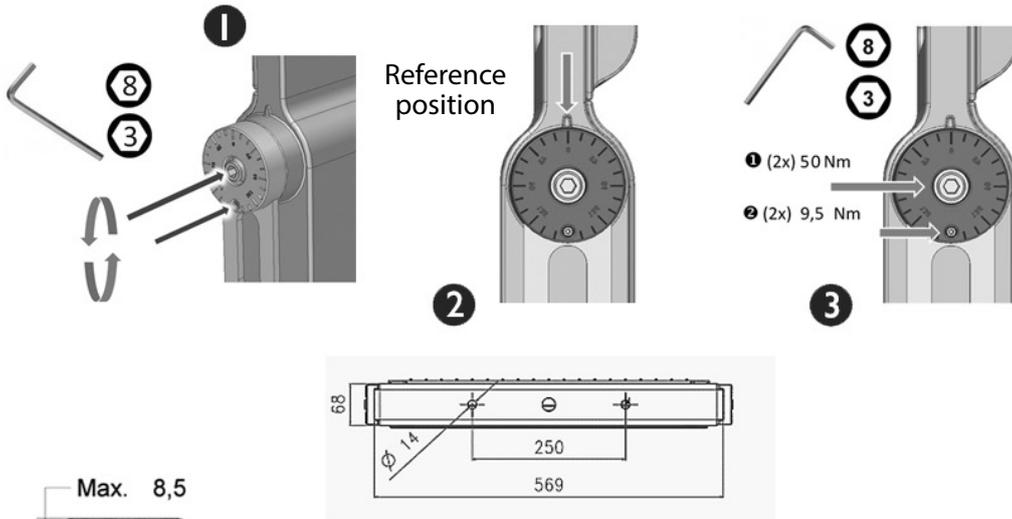


This luminaire must be installed only by qualified personnel

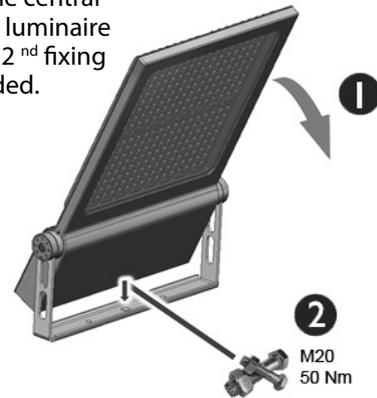
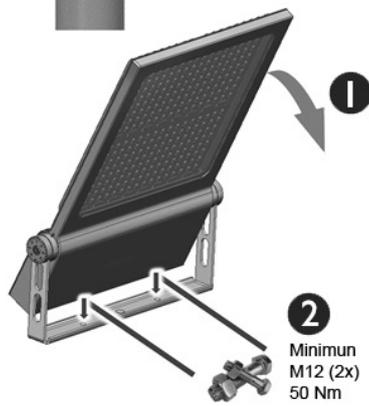


Disconnect before servicing

BRACKET FIXATION



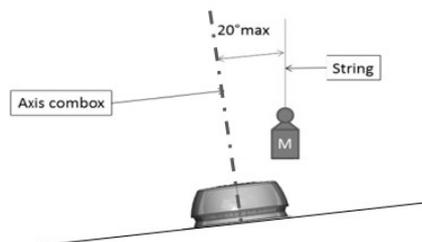
In case of using only the central hole fixation and if the luminaire is higher >3m, the use 2nd fixing security system is needed.



For Australia, the maximum allowed tilt angle is 25°

1

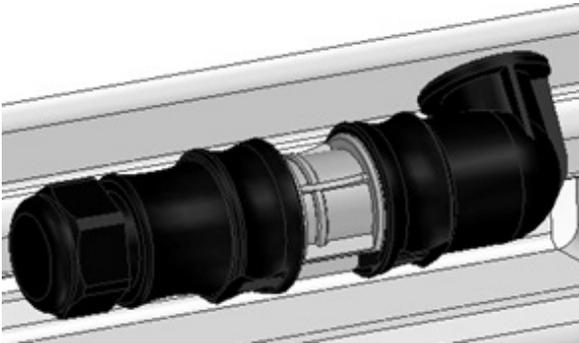
CITYTOUCH BOX INSTALLATION / FIXATION



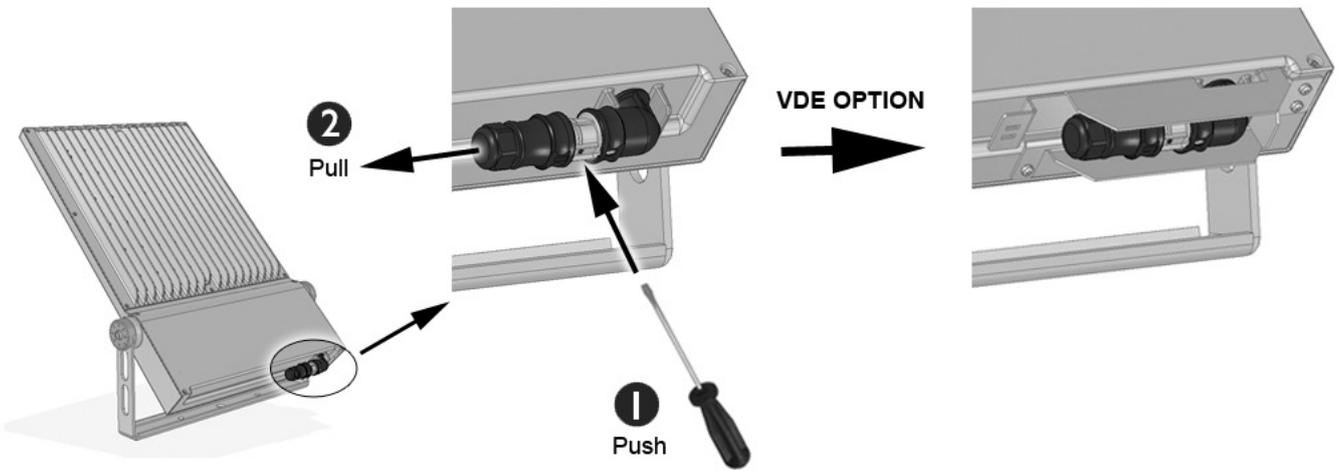
2

STANDARD, CONTROL LINE, DALI,
DALI IN/OUT CONNECTIONS

MAIN CONNECTOR
Ø10-14 mm 2-4 mm²



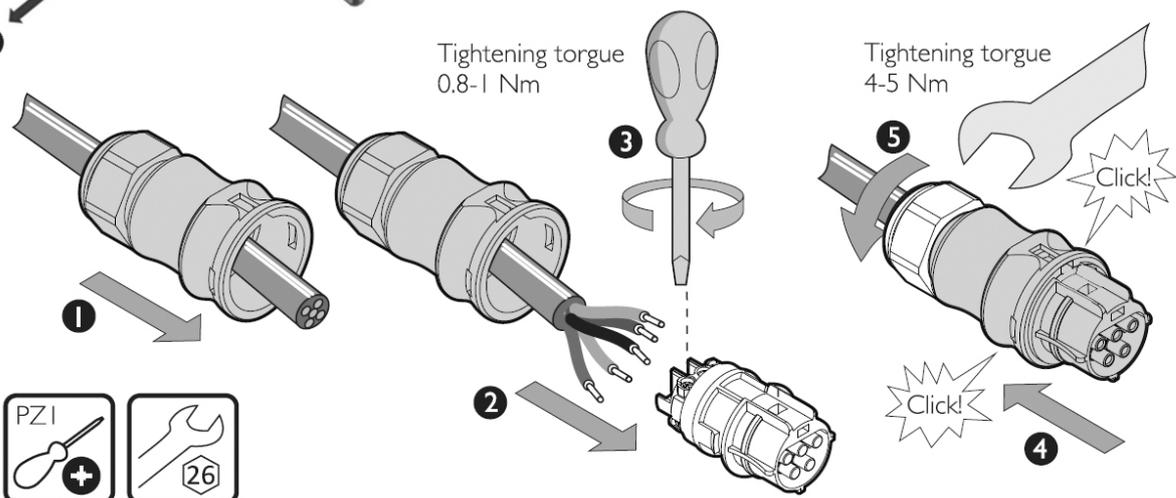
SECONDARY CONNECTOR (2x)
(Only DALI IN/OUT versions)
Ø7-12 mm 0,5-1,5 mm²



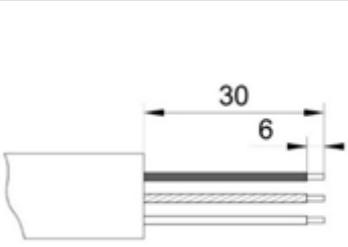
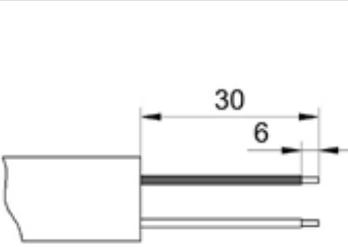
WIRE CONNECTION TO WIELAND

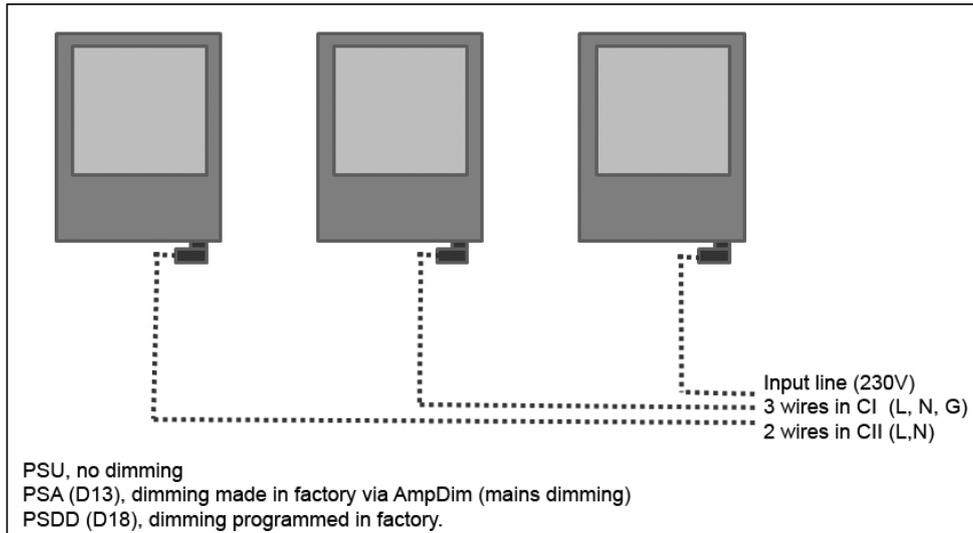


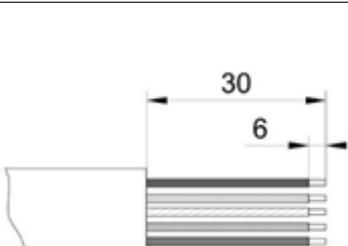
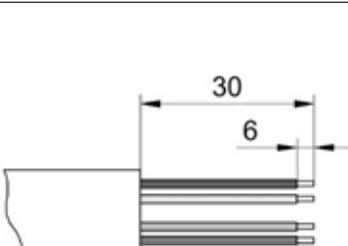
The connectors are not for current interrupting.
Never connect or disconnect under load.

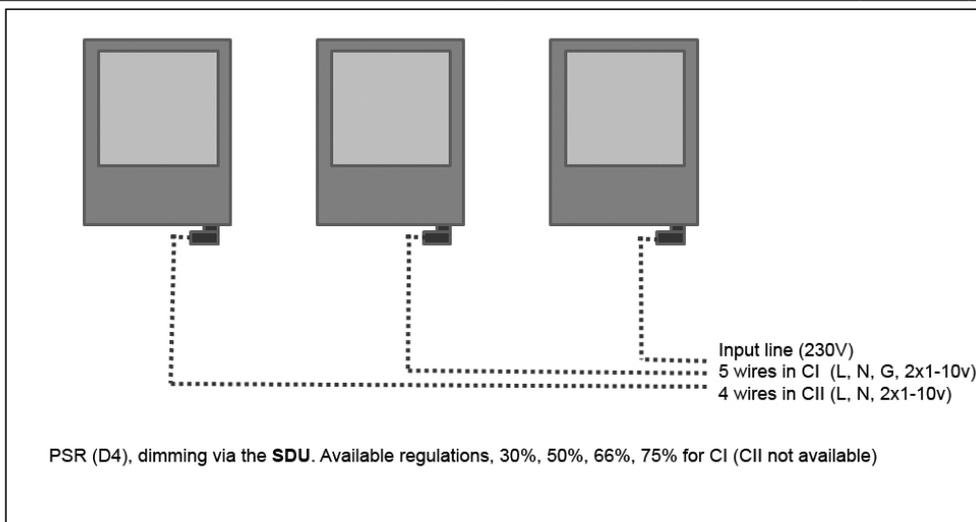


TYPES OF MAIN CONNECTOR

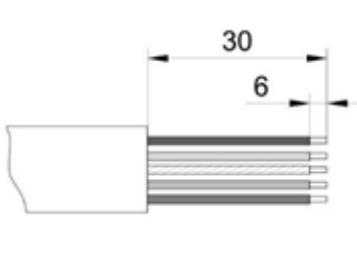
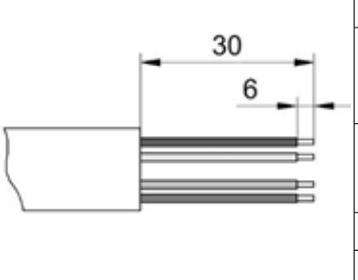
PSU, PSA (D13), PSDD (D18) CONNECTION					
Main connector Class-I			Main connector Class-II		
	L	LINE (Brown)		1	LINE (Brown)
		GROUND (Yellow & Green)		2	-
	N	NEUTRAL (Blue)		3	NEUTRAL (Blue)
	1	-		4	-
	2	-		5	-

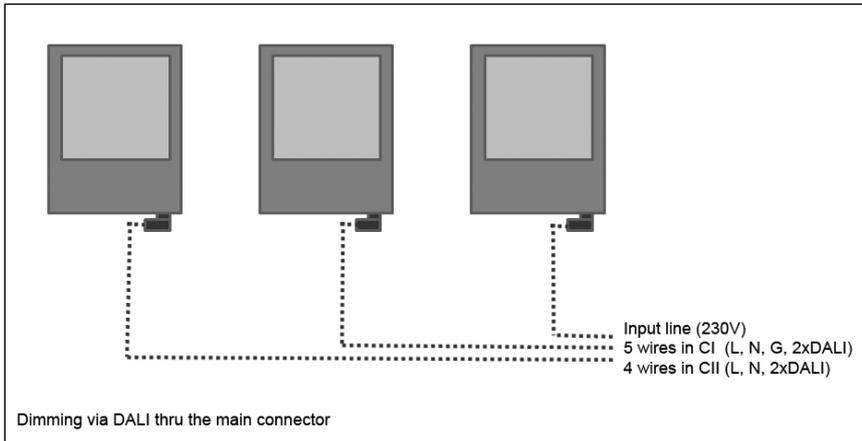


PSR (D4) CONNECTION					
Main connector Class-I			Main connector Class-II		
	L	LINE (Brown)		1	LINE (Brown)
		GROUND (Yellow & Green)		2	-
	N	NEUTRAL (Blue)		3	NEUTRAL (Blue)
	1	Lc		4	Lc
	2	Nc		5	Nc

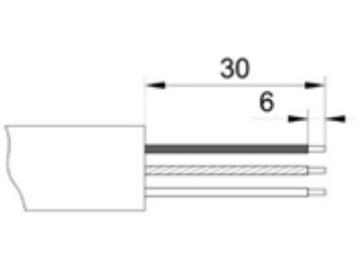
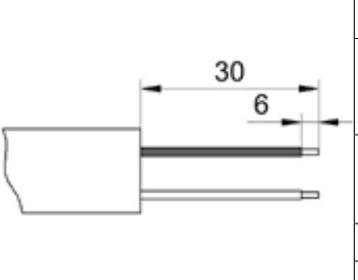
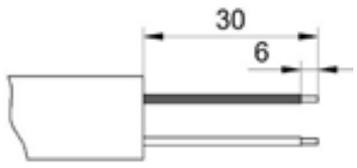
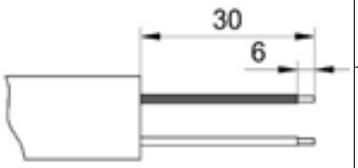


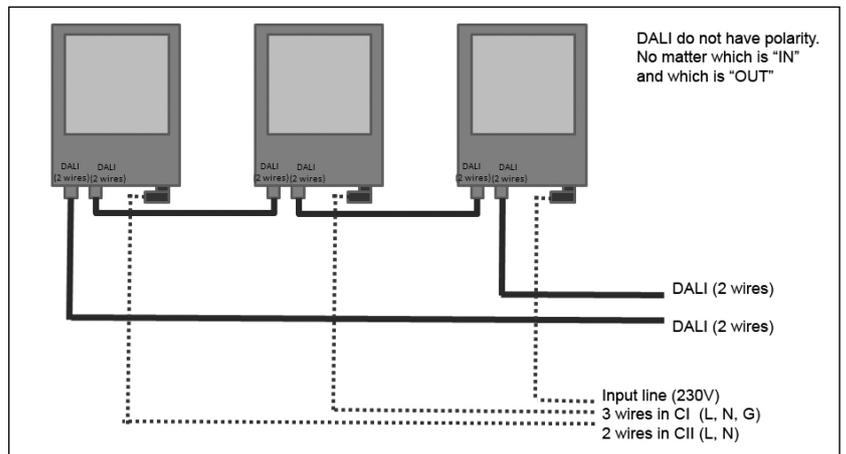
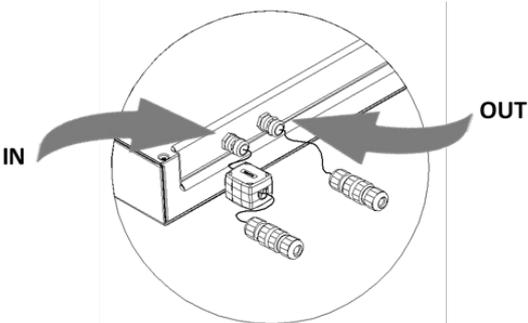
PSD, (D9) CONNECTION

Main connector Class-I			Main connector Class-II		
	L	LINE (Brown)		1	LINE (Brown)
		GROUND (Yellow & Green)		2	
	N	NEUTRAL (Blue)		3	NEUTRAL (Blue)
	1	DALI		4	DALI
	2	DALI		5	DALI



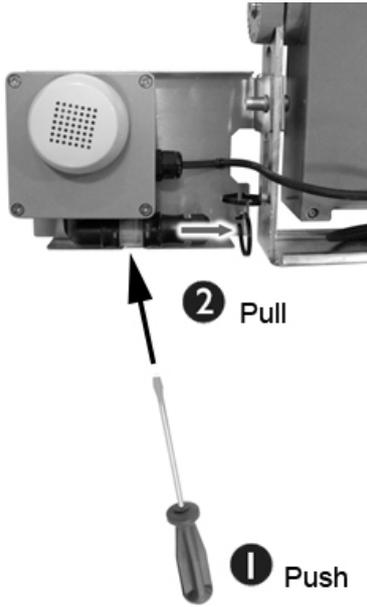
DALI IN/OUT CONNECTION

Main connector Class-I			Main connector Class-II		
	L	LINE (Brown)		1	LINE (Brown)
		GROUND (Yellow & Green)		2	-
	N	NEUTRAL (Blue)		3	NEUTRAL (Blue)
	1	-		4	-
	2	-		5	-
Secondary connector Class-I			Secondary connector Class-II		
	1	DALI		1	DALI
	2	DALI		2	DALI

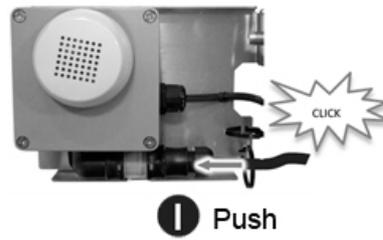


CITYTOUCH CONNECTION
 Ø10-14 mm 2-4 mm²

OPEN MAIN CONNECTOR



CLOSE MAIN CONNECTOR

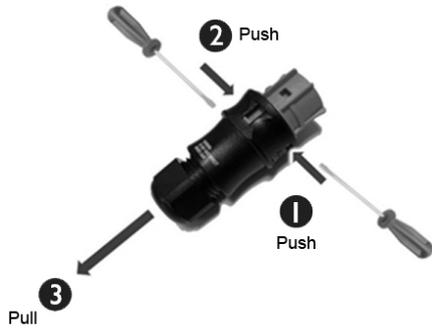


1 Push

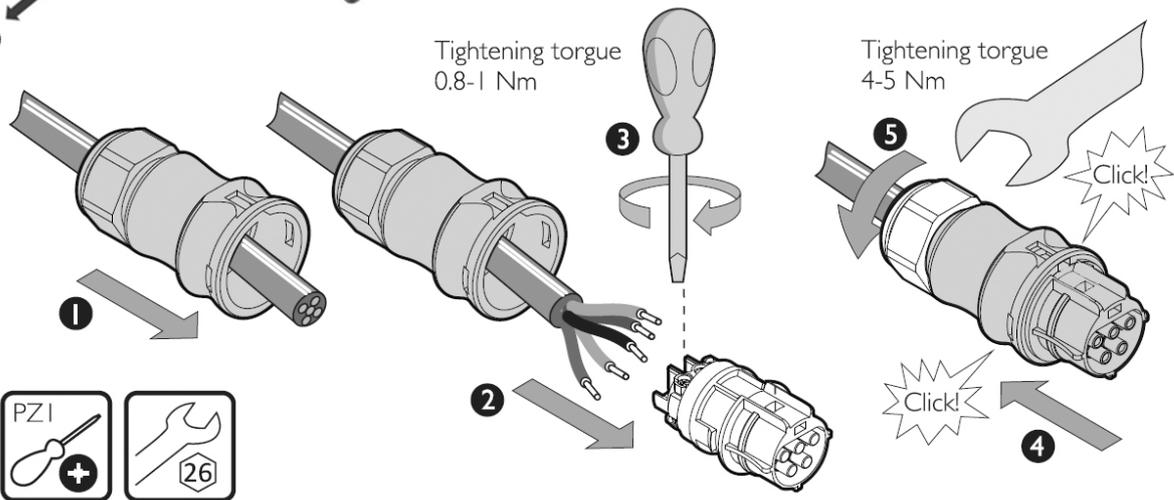
1 Push

2 Pull

WIRE CONNECTION TO WIELAND

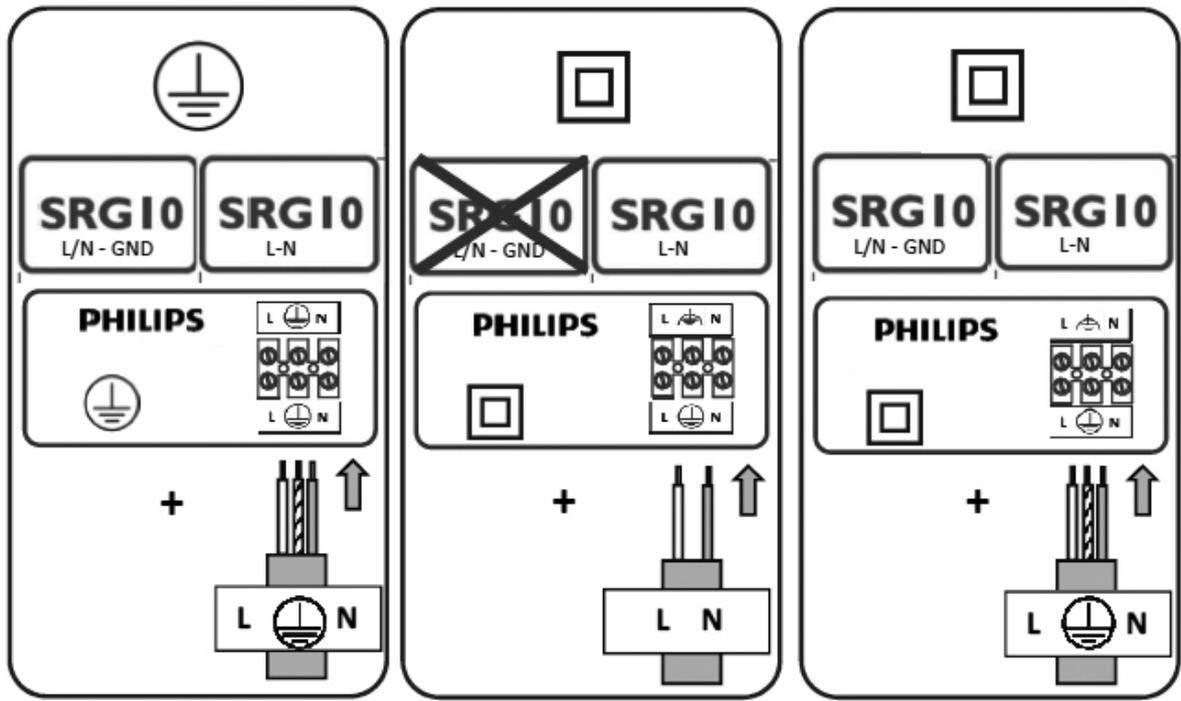


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CITYTOUCH CONNECTION

Main connector Class-I		Main connector Class-II		
	L	LINE (Brown)	1	LINE (Brown)
		GROUND (Yellow & Green)	2	-
	N	NEUTRAL (Blue)	3	NEUTRAL (Blue)
	1	DALI	4	DALI
	2	DALI	5	DALI





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