

COMPACT Splicing Connector for All Conductor Types and Mounting Carrier; for Ex eb Applications 4 mm² / 6 mm²; 221 Series

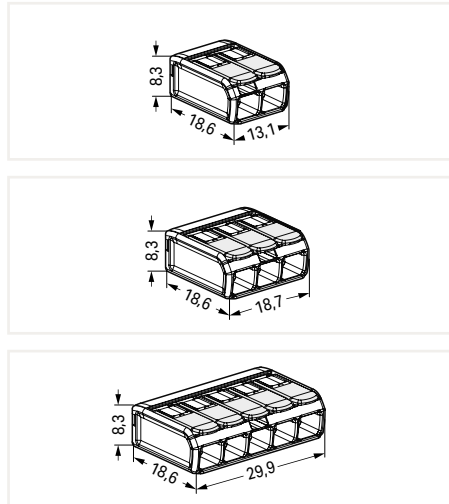
Technical Data	
IEC / EN 60079-7	UL 60079-7
Ⓔ IECEX Ex eb IIC Gb	Ⓔ Cl. I, Zn. 1, AEx eb IIC CNR Ex eb IIC U
0.2 ... 4 mm ² "s+str"	24 ... 12 AWG "s+st"
0.14 ... 4 mm ² "f-st"	24 ... 12 AWG "f-st"
440 V (275 V) ①	440 V (275 V), 20 A, ①
I _N 24,5 A ① / I _N 32 A ②	
Operating temperature: -55 ... +105 °C	
11 mm / 0.43 inch	



COMPACT splicing connector for all conductor types; for Ex eb applications; max. 4 mm²; with levers; Transparent housing; Light gray lever; Operating temperature (max.): 105 °C

	Item No.	Pack. Unit
2-conductor	221-482 ② ①	1000 (100)
3-conductor	221-483 ② ②	500 (50)
5-conductor	221-485 ② ②	250 (25)

Dimensions in mm



Item-Specific Accessories			
Mounting carrier; for 2-, 3- and 5-wire Ex splicing connectors (4 mm ²); 17.5 mm wide			
	light gray	221-501	50 (10)
	blue	221-500/000-006 ③	50 (10)
Self-adhesive marking strip; plain; 5 mm high; 48 self-adhesive strips per card			
	white	210-334	1

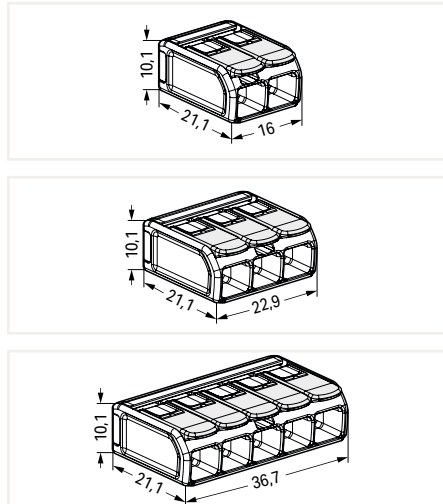
Technical Data	
IEC / EN 60079-7	UL 60079-7
Ⓔ IECEX Ex eb IIC Gb	Ⓔ Cl. I, Zn. 1, AEx eb IIC CNR Ex eb IIC U
0.5 ... 6 mm ²	20 ... 10 AWG
440 V (275 V) ①	440 V (275 V), 20 A, ①
I _N 37 A	
Operating temperature: -55 ... +105 °C	
12 ... 14 mm / 0.47 ... 0.55 inch	



COMPACT splicing connectors for all conductor types; for Ex eb applications; max. 6 mm²; with levers; Transparent housing; Light gray lever; Operating temperature (max.): 105 °C

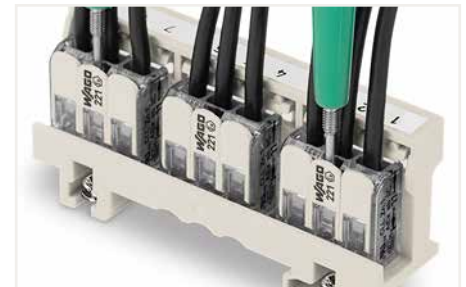
	Item No.	Pack. Unit
2-conductor	221-682 ②	500 (50)
3-conductor	221-683 ②	300 (30)
5-conductor	221-685 ②	150 (15)

Dimensions in mm



Item-Specific Accessories			
Mounting carrier; for 2-, 3- and 5-wire Ex splicing connectors (6 mm ²); 19.3 mm wide			
	light gray	221-511	50 (10)
	blue	221-510/000-006 ③	50 (10)
Self-adhesive marking strip; plain; 5 mm high; 48 self-adhesive strips per card			
	white	210-334	1

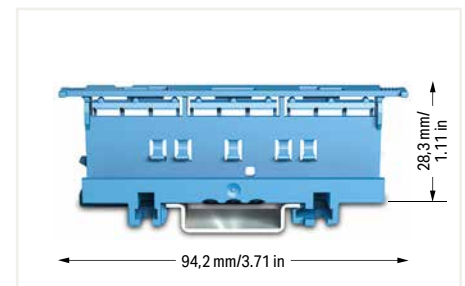
- The permissible operating voltage of the connector with carrier (440 V or 275 V) depends on the mounting type.
The mounting types for both 440 V and 275 V are shown on the "Description and Installation" page. If a mounting type for 275 V is used, this is the permissible working voltage.
 - Only approved in conjunction with a mounting carrier (221-511). Other carriers are possible, see certificate (UL).
The connectors must be installed in an enclosure meeting the requirements of a recognized protection type per EN 60079-0, Section 1 or EN 60079-31. When installing the connectors in an enclosure of protection type "eb" (increased safety) per EN 60079-7, the clearances and creepage distances of Table 2 for this standard must be observed (for the use of accessories see point 1).
The connectors can be used both in Group II and Group I, as the standard requirements are identical in this case.
The use of these components requires a new assessment by an authorized certification agency.
 - Carriers with a blue insulated housing are suitable for Ex i applications. Both clearances and creepage distances for the protection type "intrinsic safety Ex i" must be observed.
- » Approvals and corresponding ratings, visit www.wago.com



Easily test inserted connectors in the carrier – however they are mounted.



Wiring example in an Ex e junction box
Labeling is performed via marking strips (210-334) and pen or continuous labels (210-834), which is printed via Smart Printer (258-5000).



Carriers with a blue insulated housing are suitable for Ex i applications. Both clearances and creepage distances for the protection type "intrinsic safety Ex i" must be observed.