

Elementnr. 221-683

COMPACT Splicing Connector; for all conductor types; for Ex e applications; max. 6 mm²; 3-conductor; with levers; transparent housing; Operating temperature (max.): 105 °C; 6,00 mm²; transparent

↓ Datablad som PDF

↔ Sammenlikne

≡+ Bokmerke



Your Benefits:

- Ease of use – pull the lever up, insert a conductor and push the lever back down
- Available as 2-, 3- and 5-wire connectors
- Easily terminate conductors from 0.5 to 6 mm²
- Connection of all conductor types
- Time savings for installers and device manufacturers
- Quickly install devices with higher levels of power consumption
- Safely install long cable runs with larger conductor cross sections
- Mounting carrier for installation conforms to standards
- Working voltages of 275 V or 440 V
- Custom carriers are possible
- ATEX (Ex2 II G), IECEx (Ex eb IIC Gb) Zone 1, 2
- IECEx (Ex eb IIC Gb), American Ex (AEx eb IIC Gb) / Class 1, Zone 1

Safety information 1:

The permissible operating voltage of the connector with carrier (440 V or 275 V) depends on the mounting type.

Safety information 2:

Only approved in conjunction with a mounting carrier (221-511). Other carriers are possible, see certificate/file.

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. See point 1 for the use of accessories. 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 a notified certification agency.

> Norway (NO)

> Produktdetaljer  +47 22 30 94 50

in f 

Detaljer ^

Kontakt

Selskapsinformasjon

Personvern

Vilkår og betingelser

Juridisk informasjon

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■ Electrical data

■ Ratings per IEC/EN 60664-1

Ratings per EN 60664

■ Approvals per UL 1059

Rated voltage UL (Use Group C) 440 V

Rated current UL (Use Group C) 30 A

■ Approvals Ex

Rated voltage EN (Exe II) 440 V

Rated current (Exe II) 37 A

■ Connection data

Connection technology CAGE CLAMP®

Actuation type Lever

Connectable conductor materials Copper

Nominal cross section 6 mm²

Solid conductor 0,5 ... 6 mm² / 20 ... 10 AWG

■ Geometrical Data

Width 22,9 mm / 0.902 inch

Height 10,1 mm / 0.398 inch

Depth 21,1 mm / 0.831 inch

■ Material Data

Color gjennomsiktig

Flammability class per UL94 V2

Actuating element color light gray

Weight 4,3 g

■ Environmental Requirements

Continuous operating temperature 105 ... 105 °C

■ Commercial data

Packaging type BOX

Country of origin CH

GTIN 4055143860574

Customs tariff number 85369010000

[Godkjenninger / sertifikater](#)

EX-godkjenninger ^

Logo	Godkjenning	Forberedende godkjenningstekst	Godkjenningstekst	Språk		
AEx	AEx Underwriters Laboratories Inc.	UL 60079	20190228-E185892	Englisk	▼	
	ATEX Physikalisch Technische Bundesanstalt	IEC 60079-0	PTB 19 ATEX 1001 U	Serbisk Tysk	▼	
IECEX	IECEX Physikalisch Technische Bundesanstalt	IEC 60079-0	IECEX PTB 19.001 1U (EX eb IIC Gb)	Englisk	▼	

Landspesifikke godkjenninger ▼

Nedlastinger

Documentation ^

■ Additional Information

Englisk ▼

Technical explanations
03. apr. 2019



Kompatible produkter

Festeadapter ^

ELEMENTNR.: 221-510/000-006

Montasjebærer; 221-Serien - 6 mm²; for DIN-35 skinne- / skruer montering; blå

ELEMENTNR.: 221-511

Montasjebærer; for Ex-applikasjoner; 221-Serien - 6 mm²; for DIN-35 skinne- / skruer montering; lysegrå

^ Vis færre

▼ Vis flere

Handling Instructions

