|: 221-2401

Inline splicing connector with lever; for all conductor types; 12 AWG (max.); 2-conductor; transparent housing; white cover; Surrounding air temperature: max 85°C (T85); 4,00 mm²; transparent

: ☐ transparent

This connector is 12 AWG capable and ideal for installations in the North American market.
- Connecting solid, stranded and fine-stranded conductors from 0.2 to 4mm² in the feedthrough direction
- Slim design minimizes dimensions for installation in tight spaces
- Tool-free connection and disconnection thanks to convenient lever technology
- Choosing between fixed-position installation and multi-pole installation with an adapter

Electrical data

Ratings per IEC/EN

Ratings per	EN 60664
Nominal voltage (II/2)	450 V
Rated surge voltage (II/2)	4 kV
Rated current	32 A
Legend (ratings)	(II / 2) ≙ Overvoltage category II / Pollution degree 2

Ratings per UL

Rated voltage UL (Use Group C)	600 V
Rated current UL (Use Group C)	20 A

Connection data

Total number of connection points	2

Connection 1

Connection technology	CAGE CLAMP®
Actuation type	Lever
Connectable conductor materials	Copper
Solid conductor	0.2 … 4 mm² / 20 … 12 AWG
Stranded conductor	0.2 … 2.5 mm² / 18 … 12 AWG
Fine-stranded conductor	0.34 … 4 mm² / 18 … 12 AWG
Strip length	11 mm / 0.43 inches

Physical data

Width	8.1 mm / 0.319 inches
Height	8.9 mm / 0.35 inches
Depth	35.5 mm / 1.398 inches

Material data

Note (material data)	Information on material data can be found here
Color	transparent
Cover color	white
Material group	III a
Flammability class per UL94	V2
Fire load	0 MJ
Actuator color	orange
Weight of insulation material	0.84 g
Weight	2.3 g

Environmental requirements

Continuous operating temperature	-60 ... +105 ℃

Commercial data

ETIM 8.0	EC000446
ETIM 7.0	EC000446
PU (SPU)	600 (60) Pieces
Packaging type	Box
Country of origin VKOrg Germany	DE
GTIN	4055144067040
Customs tariff number VKOrg Germany	85369010000

Approvals and certificates

Country specific Approvals

CCA DEKRA Certification B.V.	EN 60998	NTR NL-7827
KEMA/KEUR DEKRA Certification B.V.	EN 60998	71-113253 REV. 1

Ship Approvals

LR Lloyds Register	EN 60998	LR22207029TA

UL-Approvals

UL Underwriters Laboratories Inc.	UL 486C	E69654

Web: https://www.bolenscontrol.com/ - Phone: (800) 658-5241 - Email: sales@bolenscontrol.com

Downloads

Environmental Product Compliance

Compliance Search		
Environmental Product Compliance 221-2401		↓

Documentation

Additional Information		
Technical Section	pdf 2142.18 KB	↓

CAD/CAE-Data

CAD data		CAE data	
2D/3D Models 221-2401	↓	ZUKEN Portal 221-2401	↓

1 Compatible products

1.1 Optional accessories

1.1.1 Installation

1.1.1.1 Mounting accessories

: 221-2501
Mounting carrier with strain relief; 1-way; for inline splicing connector with lever; for screw mounting; gray

: 221-2511
Mounting carrier with strain relief; 1-way; for inline splicing connector with lever; with snap-in mounting foot; gray

: 221-2502
Mounting carrier with strain relief; 2-way; for inline splicing connector with lever; for screw mounting; gray

: 221-2512
Mounting carrier with strain relief; 2-way; for inline splicing connector with lever; with snap-in mounting foot; gray

: 221-2503
Mounting carrier with strain relief; 3-way; for inline splicing connector with lever; for screw mounting; gray

: 221-2513
Mounting carrier with strain relief; 3-way; for inline splicing connector with lever; with snap-in mounting foot; gray

: 221-2504
Mounting carrier with strain relief; 4-way; for inline splicing connector with lever; for screw mounting; gray

: 221-2514
Mounting carrier with strain relief; 4-way; for inline splicing connector with lever; with snap-in mounting foot; gray

: 221-2505
Mounting carrier with strain relief; 5-way; for inline splicing connector with lever; for screw mounting; gray

: 221-2515
Mounting carrier with strain relief; 5-way; for inline splicing connector with lever; with snap-in mounting foot; gray

: 221-2521
Mounting carrier; 1-way; for inline splicing connector with lever; for screw mounting; gray

: 221-2531
Mounting carrier; 1-way; for inline splicing connector with lever; with snap-in mounting foot; gray

: 221-2522
Mounting carrier; 2-way; for inline splicing connector with lever; for screw mounting; gray

: 221-2532
Mounting carrier; 2-way; for inline splicing connector with lever; with snap-in mounting foot; gray

: 221-2523
Mounting carrier; 3-way; for inline splicing connector with lever; for screw mounting; gray

: 221-2533
Mounting carrier; 3-way; for inline splicing connector with lever; with snap-in mounting foot; gray

: 221-2524
Mounting carrier; 4-way; for inline splicing connector with lever; for screw mounting; gray

: 221-2534
Mounting carrier; 4-way; for inline splicing connector with lever; with snap-in mounting foot; gray

: 221-2525
Mounting carrier; 5-way; for inline splicing connector with lever; for screw mounting; gray

: 221-2535
Mounting carrier; 5-way; for inline splicing connector with lever; with snap-in mounting foot; gray

Web: https://www.bolenscontrol.com/ - Phone: (800) 658-5241 - Email: sales@bolenscontrol.com

Installation notes

Conductor termination

Push up the lever to open the clamping unit and insert the conductor.

Push the lever back down.

Installation

Place the inline splicing connector on the carrier in front of the mounting position.

Push the connector to the center position until it snaps into place.

Application

Perfect for test setups

Simple extension of lines

Lighting connection in suspended ceilings

Multi-pole, fixed lighting fixture wiring

Web: https://www.bolenscontrol.com/ - Phone: (800) 658-5241 - Email: sales@bolenscontrol.com