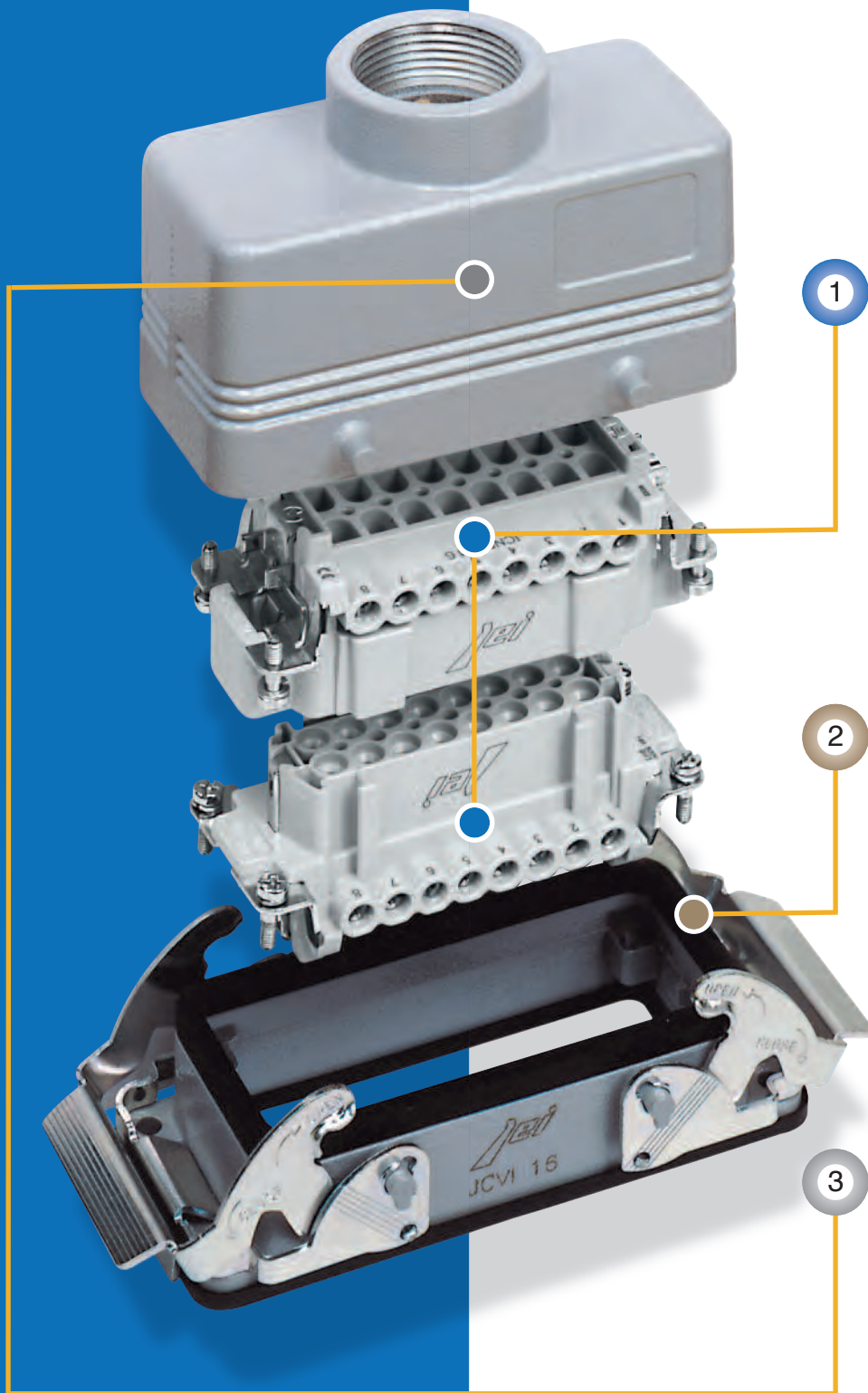


CHOOSE YOUR CONNECTOR



1

Inserts:

- ▶ how many contacts?
- ▶ what voltage?
- ▶ what current?
- ▶ what wire section?
- ▶ which connection: SQUICH[®], spring or screw?

2

Housings:

- ▶ how many levers?
- ▶ bulkhead or surface mounting?
- ▶ with cover?

3

Hoods:

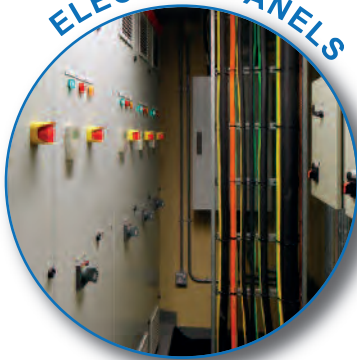
- ▶ what thread: Pg or metric?
- ▶ which entry: side or vertical?
- ▶ with pegs or levers?

Choose for standard applications

JEI® connectors are used in connections for electrical and electronic equipment, machines, control units, electric panels, control equipment and where a safe sectionable connection is required.

They can be used in non-aggressive industrial environments (for example, automatic assembly machines for working wood or plastic) and wherever there is a need for a connection with an optimum quality/price ratio.

ELECTRIC PANELS



SAFETY SYSTEMS



RADIO CONTROLS



POWER SUPPLIES



AUTOMATION



The JEI® series consists of **inserts** manufactured in type-approved thermoplastic resin UL 94 V-0 and contacts with a **galvanic tin coating**.

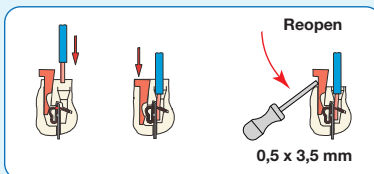
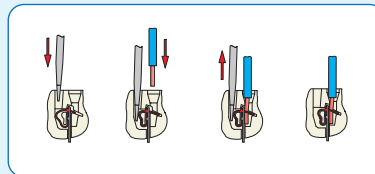
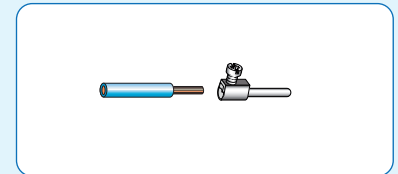
Coupling with **metallic enclosures, complete with locking levers in reinforced thermoplastic or galvanised steel**, makes the connection effective and robust.

The wide range of inserts offered with their **different wire connecting techniques (screw or spring)** guarantees flexibility of use and numerous choices.

rated current	rated voltage	N° of poles	section of conductors (mm ²)	type of connection	resistance of contact (mΩ)	certifications	Inserts ****				size inserts/enclosures
							male		female		
10A	230/400V	3 and 4	0,75 to 2,5	③	1	(UL)*	JKM 03**	JKM 04**	JKF 03**	JKF 04**	● 21.21
10A	400V	3 and 4	0,14 to 2,5	②	1	(UL)*	JKSM 03**	JKSM 04**	JKSF 03**	JKSF 04**	● 21.21
10A	400V	9	0,14 to 2,5	②	1	(UL)*	JDSM 09***		JDSF 09***		● 44.27
10A	400V	18	0,14 to 2,5	②	1	(UL)*	JDSM 18***		JDSF 18***		● 57.27
10A	400V	27	0,14 to 2,5	②	1	(UL)*	JDSM 27***		JDSF 27***		● 77.27
10A	400V	42	0,14 to 2,5	②	1	(UL)*	JDSM 42***		JDSF 42***		● 104.27
10A	400V	54	0,14 to 2,5	②	1	(UL)*	JDSM 27*** + JDSM 27 N**		JDSF 27*** + JDSF 27 N**		● 77.62
10A	400V	84	0,14 to 2,5	②	1	(UL)*	JDSM 42*** + JDSM 42 N**		JDSF 42*** + JDSF 42 N**		● 104.62
16A	500V	6	0,14 to 2,5	②	3	(UL)*	JSEM 06***		JSEF 06***		● 44.27
16A	500V	6	0,5 to 4,0	③	1	(UL)*	JNEM 06***		JNEF 06***		● 44.27
16A	500V	6	0,14 to 2,5	①	3	(UL)*	JSHM 06***		JSHF 06***		● 44.27
16A	250V	10	0,25 to 4,0	③	1	(UL)*	JDAM 10***		JDAF 10***		● 49.16
16A	500V	10	0,14 to 2,5	②	3	(UL)*	JSEM 10***		JSEF 10***		● 57.27
16A	500V	10	0,5 to 4,0	③	1	(UL)*	JNEM 10***		JNEF 10***		● 57.27
16A	500V	10	0,14 to 2,5	①	3	(UL)*	JSHM 10***		JSHF 10***		● 57.27
16A	250V	16	0,25 to 4,0	③	1	(UL)*	JDAM 16***		JDAF 16***		● 66.16
16A	500V	16	0,14 to 2,5	②	3	(UL)*	JSEM 16***		JSEF 16***		● 77.27
16A	500V	16	0,5 to 4,0	③	1	(UL)*	JNEM 16***		JNEF 16***		● 77.27
16A	500V	16	0,14 to 2,5	①	3	(UL)*	JSHM 16***		JSHF 16***		● 77.27
16A	500V	24	0,14 to 2,5	②	3	(UL)*	JSEM 24***		JSEF 24***		● 104.27
16A	500V	24	0,5 to 4,0	③	1	(UL)*	JNEM 24***		JNEF 24***		● 104.27
16A	500V	24	0,14 to 2,5	①	3	(UL)*	JSHM 24***		JSHF 24***		● 104.27
16A	250V	32	0,25 to 4,0	③	1	(UL)*	JDAM 16*** + JDAM 16 N**		JDAF 16*** + JDAF 16 N**		● 66.40
16A	500V	32	0,14 to 2,5	②	3	(UL)*	JSEM 16*** + JSEM 16 N**		JSEF 16*** + JSEF 16 N**		● 77.62
16A	500V	32	0,5 to 4,0	③	1	(UL)*	JNEM 16*** + JNEM 16 N**		JNEF 16*** + JNEF 16 N**		● 77.62
16A	500V	32	0,14 to 2,5	①	3	(UL)*	JSHM 16*** + JSHM 16 N**		JSHF 16*** + JSHF 16 N**		● 77.62
16A	500V	48	0,14 to 2,5	②	3	(UL)*	JSEM 24*** + JSEM 24 N**		JSHF 24*** + JSHF 24 N**		● 104.62
16A	500V	48	0,5 to 4,0	③	1	(UL)*	JNEM 24*** + JNEM 24 N**		JNEF 24*** + JNEF 24 N**		● 104.62
16A	500V	48	0,14 to 2,5	①	3	(UL)*	JSHM 24*** + JSHM 24 N**		JSHF 24*** + JSHF 24 N**		● 104.62

** Available 4th quarter 2014.*** Available 3rd quarter 2014.

Connection types

Connection type ①
SQUICH®Connection type ②
High density springConnection type ③
Screw type

Innovative connection by ILME

JSH SQUICH® series

Connection
without tools

JDS series

High density
spring connection

JNE series

Screw connection
up to 4 mm² section

... and tradition

Bulkhead mounting

bulkhead mounting housings, levers in thermoplastic material (protection degree IP65)

JEI-P series



size inserts/ enclosures	1 LEVER		2 LEVERS	
	WITHOUT cover		WITHOUT cover	
● 49.16	JPI 15 L**			
● 66.16	JPI 25 L**			
● 44.27	JPI 06 L			
● 57.27				JPI 10
● 77.27				JPI 16
● 104.27				JPI 24
● 77.62				JPI 32**

** Available 4th quarter 2014.



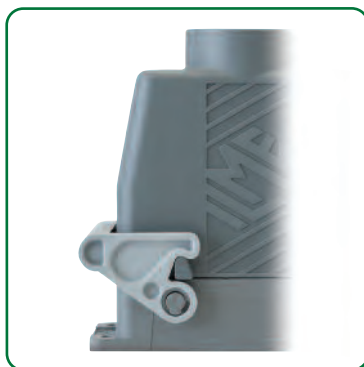
JEI-V series

bulkhead mounting housings, V-Type levers in galvanised steel (protection degree IP65/IP66)



size inserts/ enclosures	1 LEVER		2 LEVERS	
	WITH insulating cover	WITHOUT cover	WITHOUT cover	
● 44.27	JCVI 06 LP	JCVI 06 L		
● 57.27	JCVI 10 LP	JCVI 10 L		JCVI 10
● 77.27	JCVI 16 LP	JCVI 16 L		JCVI 16
● 104.27	JCVI 24 LP	JCVI 24 L		JCVI 24
● 77.62 ¹⁾	JCHI 32 LP	JCHI 32 L		
● 104.62 ¹⁾	JCHI 48 LP	JCHI 48 L		

¹⁾ Rigid monobloc lever in galvanised steel, rotative action.



insulating T-Type series

bulkhead mounting housings in thermoplastic material (protection degree IP65)

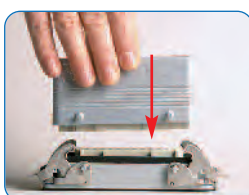
size inserts/ enclosures	1 LEVER		2 LEVERS	
	WITHOUT cover		WITHOUT cover	
● 44.27	TCHI 06 L			
● 57.27				TCHI 10
● 77.27				TCHI 16
● 104.27				TCHI 24

Attention

V-Type lever locking of the JEI-V series

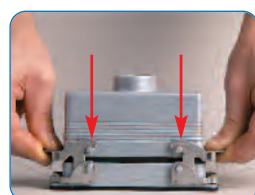
①

CLOSE



Position
the connector

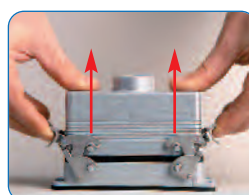
②



Lower the levers until
they click into position

①

OPEN



Lift the
levers





②



Remove
the connector

JEI-P series





surface mounting housings, levers in thermoplastic material (protection degree IP65)

size inserts/ enclosures	1 LEVER		2 LEVERS		
	 WITH cover	 WITHOUT cover	 WITH cover	 WITHOUT cover	
	Pg	Metric	Pg	Metric	
● 49.16 ²⁾	JPP 15 L21**	JMPP 15 L25**			(Pg21-M25)
● 66.16 ²⁾	JPP 25 L21**	JMPP 25 L25**			(Pg21-M25)
● 44.27 ²⁾	JPP 06 L16	JMPP 06 L20			(Pg16-M20)
● 57.27 ²⁾			JPP 10.16	JMPP 10.20	(Pg16-M20)
● 77.27 ²⁾			JPP 16.21	JMPP 16.25	(Pg21-M25)
● 104.27 ²⁾			JPP 24.21	JMPP 24.25	(Pg21-M25)
● 77.62			JPP 32.36**	JMPP 32.40**	(Pg36-M40)

 ** Available 4th quarter 2014.

JEI-V series

surface mounting housings, V-Type levers in galvanised steel (protection degree IP65/IP66)





size inserts/ enclosures	1 LEVER				2 LEVERS		
	 WITH insulating cover	 WITHOUT cover	 WITH cover	 WITHOUT cover	Pg	Metric	
	Pg	Metric	Pg	Metric	Pg	Metric	
● 44.27 ²⁾	JCVP 06 LP	JMVP 06 LP20	JCVP 06 L	JMVP 06 L20			(Pg16-M20)
● 57.27 ²⁾	JCVP 10 LP	JMVP 10 LP20	JCVP 10 L	JMVP 10 L20	JCVP 10	JMVP 10.20	(Pg16-M20)
● 77.27 ²⁾	JCVP 16 LP	JMVP 16 LP25	JCVP 16 L	JMVP 16 L25	JCVP 16	JMVP 16.25	(Pg21-M25)
● 104.27 ²⁾	JCVP 24 LP	JMVP 24 LP25	JCVP 24 L	JMVP 24 L25	JCVP 24	JMVP 24.25	(Pg21-M25)
● 77.62 ³⁾	JCHP 32 LP36	JMHP 32 LP40	JCHP 32 L36	JMHP 32 L40			(Pg36-M40)
● 104.62 ³⁾	JCHP 48 LP36	JMHP 48 LP40	JCHP 48 L36	JMHP 48 L40			(Pg36-M40)

²⁾ Also available in high construction with precoding JPAP/JMPAP and threaded Pg21, Pg29, M32, M40, M50.

³⁾ Rigid monobloc lever in galvanised steel, rotative action.

insulating T-Type series

surface mounting housings in thermoplastic material (protection degree IP65)







size inserts/ enclosures	1 LEVER		2 LEVERS		
	 WITH cover	 WITHOUT cover	 WITH cover	 WITHOUT cover	
	Metric		Metric		
● 44.27	TMAP 06 L25				(M25) ⁴⁾
● 57.27				TMAP 10.25	(M25) ⁴⁾
● 77.27				TMAP 16.32	(M32) ⁵⁾
● 104.27				TMAP 24.32	(M32) ⁵⁾

⁴⁾ Also available in version M32.

⁵⁾ Also available in version M40.

housings for JK inserts

straight or angled bulkhead mounting, surface mounting, insulating or metallic

size inserts/ enclosures	INSULATING			METALLIC		
	bulkhead mounting straight	bulkhead mounting angled	surface mounting (Pg11-M20)	bulkhead mounting straight	bulkhead mounting angled	surface mounting (Pg11-M20)
		 WITHOUT cable gland entry	 WITH cable gland entry		 WITHOUT cable gland entry	 WITH cable gland entry
● 21.21	CK 03 I	CK 03 IA	CK 03 IAPS	CKA 03 I	CKA 03 IA	CKA 03 IAPS
● 21.21			MK IAP20			MKA IAP20

Protection degree according to IEC 60529, for complete and coupled connector.

Hoods



for JEI-P and JEI-V series

hoods, with 2 or 4 pegs

size inserts/ enclosures	FOR 1 LEVER		FOR 2 LEVERS		FOR 1 LEVER		FOR 2 LEVERS		
	Pg	Metric	Pg	Metric	Pg	Metric	Pg	Metric	
● 49.16 ⁶⁾	CZO 15 L	MZO 15 L20			CZAV 15 L16	MZV 15 L20			(Pg16-M20)
● 66.16 ⁶⁾	CZO 25 L	MZO 25 L20			CZV 25 L	MZV 25 L20			(Pg16-M20)
● 66.40 ⁶⁾			CHO 50	MHO 50.25			CAV 50.21	MAV 50.25	(Pg21-M25)
● 44.27 ⁶⁾	CHO 06 L16	MHO 06 L20			CHV 06 L16	MHV 06 L20			(Pg16-M20)
● 57.27 ⁶⁾	CHO 10 L	MHO 10 L20	CHO 10	MHO 10.20	CHV 10 L	MHV 10 L20	CHV 10	MHV 10.20	(Pg16-M20)
● 77.27 ⁶⁾	CHO 16 L	MHO 16 L25	CHO 16	MHO 16.25	CHV 16 L	MHV 16 L25	CHV 16	MHV 16.25	(Pg21-M25)
● 104.27 ⁶⁾	CHO 24 L	MHO 24 L25	CHO 24	MHO 24.25	CHV 24 L	MHV 24 L25	CHV 24	MHV 24.25	(Pg21-M25)
● 77.62	CHO 32 L	MHO 32 L40	CHO 32	MHO 32.40	CHV 32 L	MHV 32 L40	CHV 32	MHV 32.40	(Pg36-M40)
● 104.62	CHO 48 L	MHO 48 L40			CHV 48 L	MHV 48 L40			(Pg36-M40)

⁶⁾ Also available in high construction with precoding CAO/MAO/CAV/MAV/CZAO/MZAO/CZAV/MZAV and threaded Pg21, Pg29, M32, M40, M50.

insulating T-Type series

hoods in thermoplastic material (protection degree IP65)

size inserts/ enclosures	FOR 1 LEVER	FOR 2 LEVERS	FOR 1 LEVER	FOR 2 LEVERS	
	Metric	Metric	Metric	Metric	
● 44.27	TMAO 06 L25		TMAV 06 L25		(M25) ⁷⁾
● 57.27		TMAO 10.25		TMAV 10.25	(M25) ⁷⁾
● 77.27		TMAO 16.32		TMAV 16.32	(M32) ⁸⁾
● 104.27		TMAO 24.32		TMAV 24.32	(M32) ⁸⁾

⁷⁾ Also available in version M32.

⁸⁾ Also available in version M40.

hoods for JK inserts

hoods, insulating and metallic

size inserts/ enclosures	INSULATING			METALLIC			
	side entry with pegs	vertical entry with pegs		side entry with pegs	vertical entry with lever		
● 21.21	CK 03 VAS	CK 03 VS	CK 03 VGS	CKA 03 VAS	CKA 03 VS	CKA 03 VGS	(Pg11)
● 21.21	MK VA20	MK V20	MK VG20	MKA VA20	MKA V20	MKA VG20	(M20)

Protection degree according to IEC 60529, for complete and coupled connector.

Summary of the JEI® series



Full data sheets available at www.ilme.com

Inserts

JK

Screw connection
10A - 230/400V



JKS

Spring connection
10A - 400V



JDA

Screw connection
16A - 250V



JDS

Spring connection
10A - 400V



JSH

Spring connection without tools
16A - 500V



JNE

Screw connection
16A - 500V



JSE

Spring connection
16A - 500V



Enclosures

JEI-P

- Metallic
- Lever in thermoplastic material
- IP65



JEI-V

- Metallic
- Lever in galvanised steel
- IP66



T-TYPE

- Insulating
- Robust
- Resistant to chemical agents
- IP65



Extras and accessories

COB

- Panel installation
- Inspectable



CK-CKA

- In insulating material
- In metallic material



Coding pins



Protective covers



C H O O S E Y O U R C O N N E C T O R



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