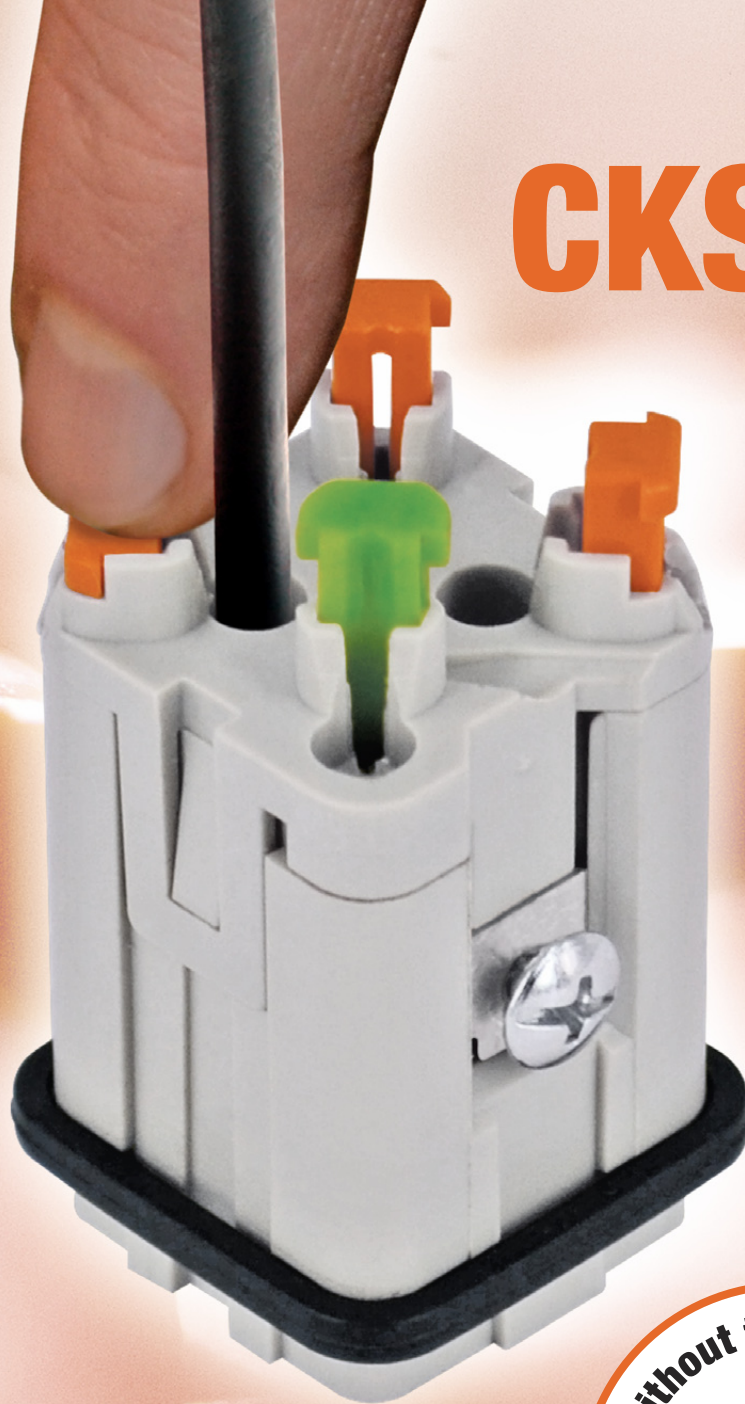




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CKSH



Easy wiring in compact size

With **actuator** button

AVAILABLE NOVEMBER 2017





CKSH inserts SQUICH® series

SPRING CONNECTION CONTACTS
WITH ACTUATOR BUTTON



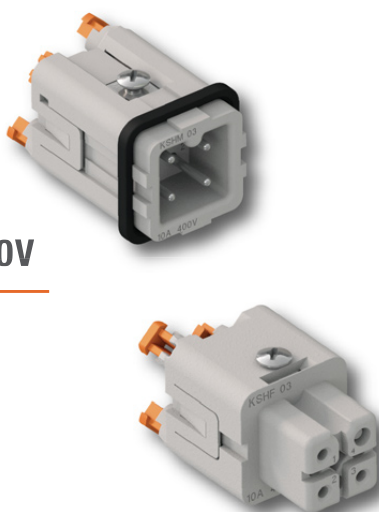
no need of
wiring tools



reduced
wiring time

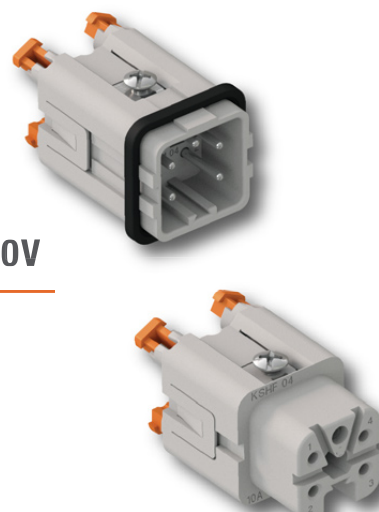
CKSH 03

10A - 400V

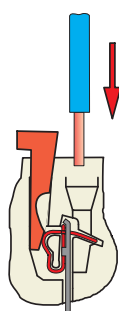


CKSH 04

10A - 400V

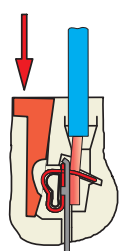


WIRING CONNECTION



Step 1

Deep insertion of the
conductor (with its insulation
removed) in its own round seat.



Step 2

Press the actuator button
to close the terminal.

A screwdriver with a 0,5 x 3 mm
blade for removing the wire.

inserts series

CKSH

No. of poles	main contacts + ⊕	3, 4
	auxiliary contacts	--
rated current		10A
EN 61984	rated voltage	400V
	rated impulse voltage	4kV
	pollution degree	3
EN 61984	rated voltage	690V
	rated impulse voltage	4kV
	pollution degree	2
contact resistance		≤ 1 mΩ
insulation resistance		≥ 10 GΩ
ambient temperature limit (°C)	min	-40 °C
	max	+125 °C
conductor cross-section	mm²	0,14 - 2,5*
	AWG	26 - 14*
mechanical life (mating cycles)		≥ 500
degree of protection	with enclosures	IP44, IP66/IP67, IP68, IP69
	without enclosures	IP20

* with crimped ferrule
up to 1,5 mm² (AWG 16)



**already
open terminals**



**for rigid or
flexible wires**



**excellent
fastening solution**



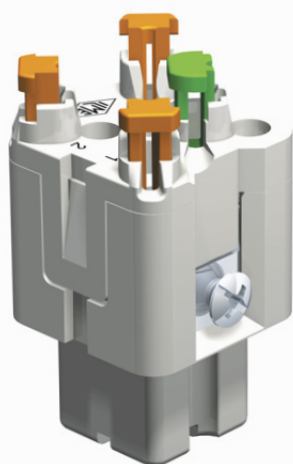
**quick identification
of wired terminals**



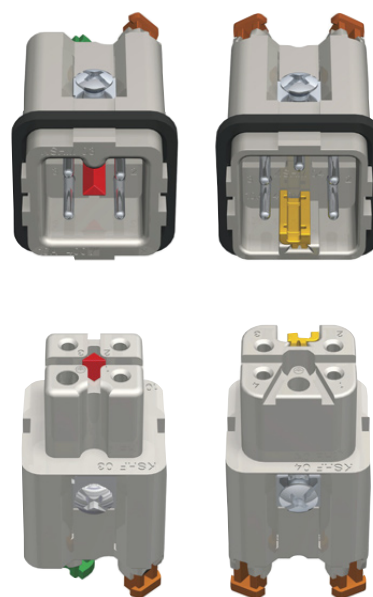
**measuring
probe usable**



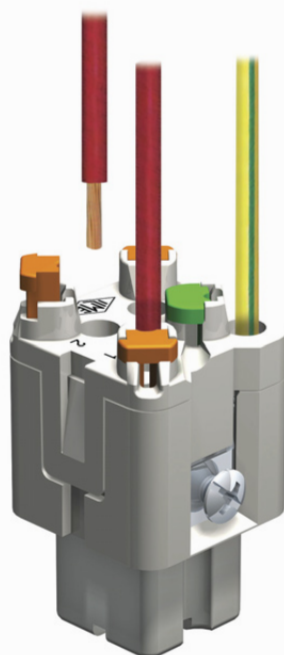
**great resistance
to strong vibrations**



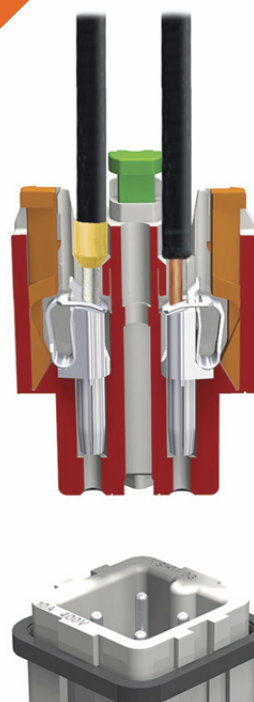
**save time
in compact
size**



**with
coding
pins**



**rear
top entry
for easier
wiring**



**for rigid
or flexible
wires,
for crimped
ferrules**



**already
open terminals**



**for rigid or
flexible wires**



**excellent
fastening solution**



**quick identification
of wired terminals**



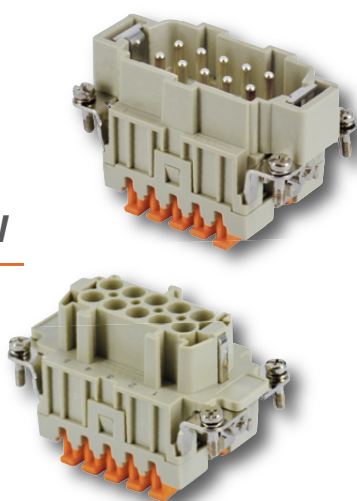
**measuring
probe usable**



**great resistance
to strong vibrations**

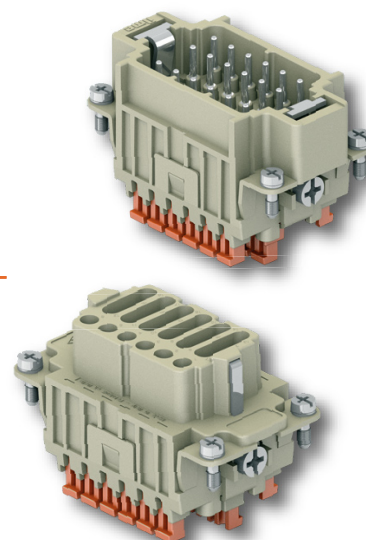
CSH

16A - 500V



CDSH

10A - 400V



inserts series

CSH

No. of poles	main contacts + ⊕	6, 10, 16, 24, 32, 48
	auxiliary contacts	--
rated current		16A
EN 61984	rated voltage	500V
	rated impulse voltage	6kV
	pollution degree	3
EN 61984	rated voltage	400V/690V
	rated impulse voltage	6kV
	pollution degree	2
contact resistance		≤ 3 mΩ
insulation resistance		≥ 10 GΩ
ambient temperature limit (°C)	min	-40 °C
	max	+125 °C
conductor cross-section	mm ²	0,14 - 2,5
	AWG	26 - 14
mechanical life (mating cycles)		≥ 500
degree of protection	with enclosures	IP65, IP66, IP67, IP68, IP69K
	without enclosures	IP20
certifications		UL, CSA, CQC, EAC
UL/CSA certification	rated voltage (a.c./d.c.)	600V

inserts series

CDSH

No. of poles	main contacts + ⊕	6^{**}, 9, 18, 27, 42, 54, 84
	auxiliary contacts	--
rated current		10A
EN 61984	rated voltage	400V
	rated impulse voltage	6kV
	pollution degree	3
EN 61984	rated voltage	400V/690V
	rated impulse voltage	6kV
	pollution degree	2
contact resistance		≤ 3 mΩ
insulation resistance		≥ 10 GΩ
ambient temperature limit (°C)	min	-40 °C
	max	+125 °C
conductor cross-section	mm ²	0,14 - 2,5*
	AWG	26 - 14*
mechanical life (mating cycles)		≥ 500
degree of protection	with enclosures	IP65, IP66, IP67, IP68, IP69K
	without enclosures	IP20

****special version**

3 pairs of contacts with AutoShort NC element on each pair of female connector

CDSH 06 NC



* with crimped ferrule up to 1,5 mm² (AWG 16)

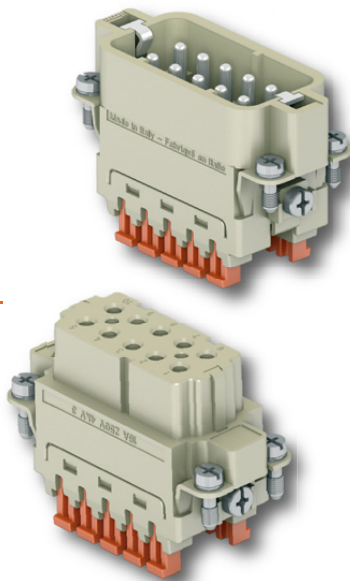
SQUICH® series

The Complete Range



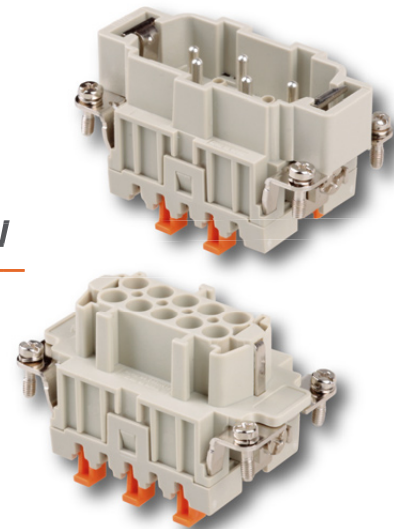
CSAH

16A - 250V



CMSH

16A - 830V



inserts series

CSAH

No. of poles	main contacts + ⊕	10, 16, 32
	auxiliary contacts	--
rated current		16A
EN 61984	rated voltage	250V
	rated impulse voltage	4kV
	pollution degree	3
EN 61984	rated voltage	230V/400V
	rated impulse voltage	4kV
	pollution degree	2
contact resistance		≤ 3 mΩ
insulation resistance		≥ 10 GΩ
ambient temperature limit (°C)	min	-40 °C
	max	+125 °C
conductor cross-section	mm ²	0,14 - 2,5*
	AWG	26 - 14*
mechanical life (mating cycles)		≥ 500
degree of protection	with enclosures	IP65, IP66, IP69
	without enclosures	IP20

* with crimped ferrule
up to 1,5 mm² (AWG 16)

inserts series

CMSH

No. of poles	main contacts + ⊕	3, 6, 12, 20
	auxiliary contacts	2
rated current		16A
EN 61984	rated voltage	830V
	rated impulse voltage	8kV
	pollution degree	3
EN 61984	rated voltage	1000V
	rated impulse voltage	8kV
	pollution degree	2
contact resistance		≤ 3 mΩ
insulation resistance		≥ 10 GΩ
ambient temperature limit (°C)	min	-40 °C
	max	+125 °C
conductor cross-section	mm ²	0,14 - 2,5
	AWG	26 - 14
mechanical life (mating cycles)		≥ 500
degree of protection	with enclosures	IP65, IP66, IP67, IP68, IP69K
	without enclosures	IP20



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Choose your connector



I.L.M.E. SpA

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20149 Milano - Italy

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XDG CKSH 317



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Catalogues