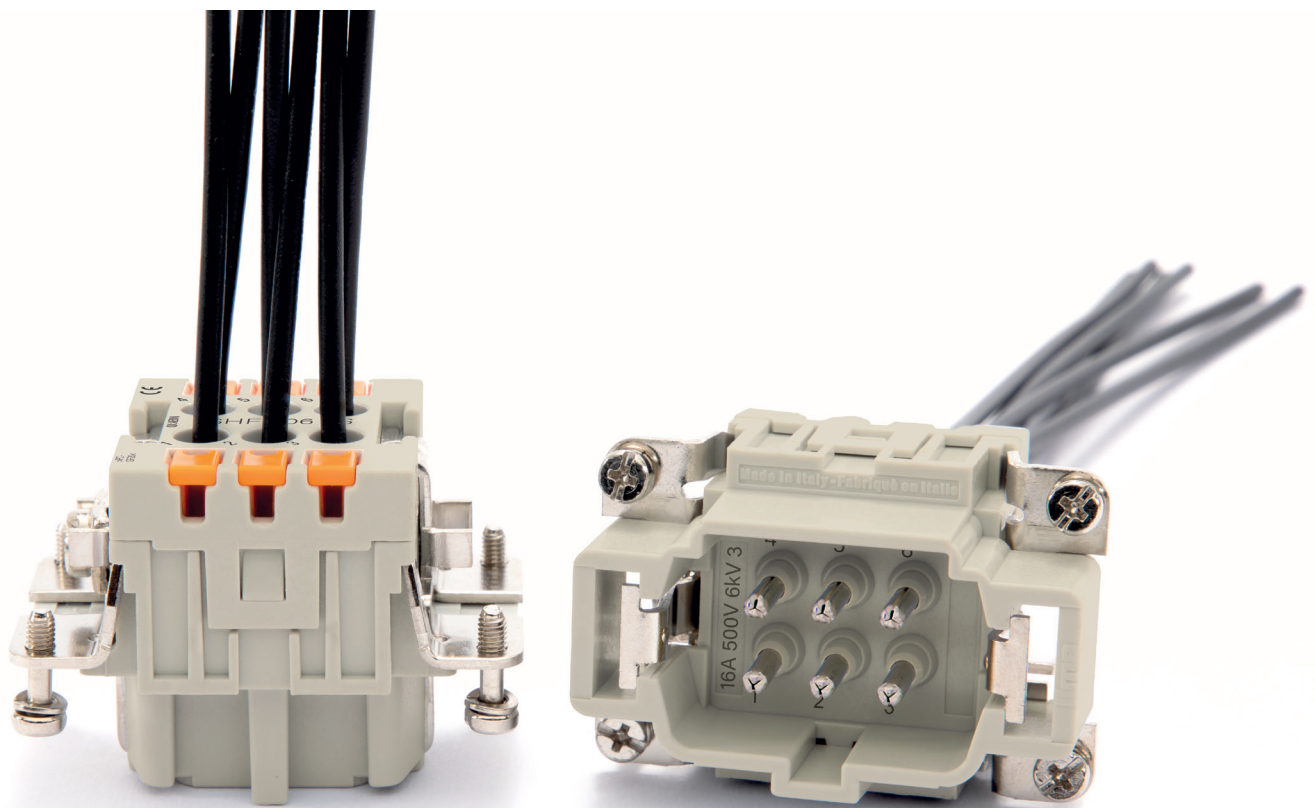

CSHF/M SQUICH® INSERTS "S" VERSION (06, 10, 16, 24, 32, 48 poles)



CSH S inserts series
with actuator button,
now with stamped
silver-plated contacts



Find more
information on
our products at
www.ilme.com

TECHNICAL FEATURES

CSHF/M 06, 10, 16 (16 SN), 24 (24 SN) S

Demand for cost-effective solutions for large serial production is constantly growing and stamped contacts meet the basic needs for such applications.

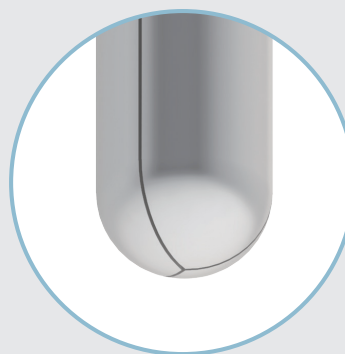
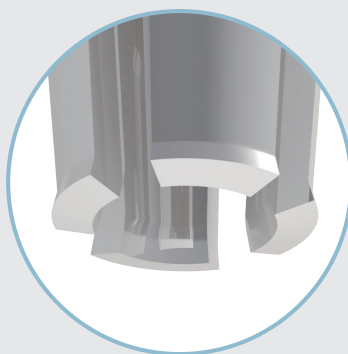
- **Silver plating** of the contacts, suitable for up to **500 mating cycles**;



- features all the well-known **advantages of the SQUICH®** proprietary technology:

- **reduced wiring time** (spring-clamp terminals are presented "open", with the actuator button lifted up); up to **50% saving time** compared to screw connection;
- **operator skill independence** (no need to open the spring-clamp terminals by direct operation of a possibly unsuitable tool on the spring);
- **no special wire preparation** (only stripping at the correct length);
- no wiring tool needed;
- **resistance to strong vibrations** typical of the self-compensating spring-clamp technology;
- possibility **to use rigid and flexible** stranded copper conductors with range of cross sectional area between 0,14 mm² and 2,5 mm² (26 - 14 AWG);
- possibility to insert the **test probe** of a measurement instrument in the cavity of the actuator button (proprietary design);
- simple re-opening of a terminal (if needed) using a flat blade screwdriver on the actuator button dedicated side window.

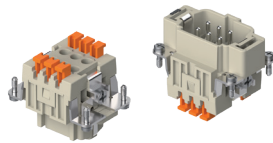
new
stamped
silver-plated
contacts



enclosures: size "44.27"	page: 240-243
C-TYPE IP65/IP66	274
C7 IP67, single lever	280-284, 286
V-TYPE IP65/IP66, single lever	304-306
BIG hoods	326-327
T-TYPE IP65 insulating	336-337
T-TYPE / W IP66 insulating	350-351
HYGIENIC T-TYPE / H IP66/IP69	358-359
HYGIENIC T-TYPE / C IP66/IP69, -50 °C	373
W-TYPE for aggressive environments	392
EMC	404-405
Central lever	420-423
IP68	450-451
LS-TYPE	42-43, 55, 62-63 *
E-Xtreme® corrosion proof	page: 462-463
panel supports: COB	

* refer to NEWS 2017 pages
refer to CN.16 pages

**inserts,
spring terminal connections**



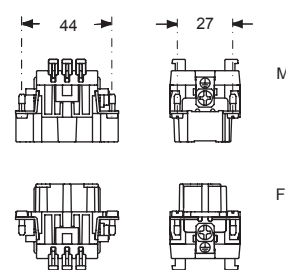
Q STAMPED CONTACTS, SILVER PLATED
AVAILABLE NOVEMBER 2019

description	part No.
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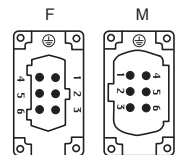
spring terminals with actuator button
female inserts with female contacts
male inserts with male contacts

CSHF 06 S
CSHM 06 S

- characteristics according to EN 61984:
16A 500V 6kV 3
16A 400/690V 6kV 2
- cURus, CSA, CQC, DNV-GL, BV, EAC pending
- rated voltage according to UL/CSA: 600V
- insulation resistance: $\geq 10 \text{ G}\Omega$
- ambient temperature limit: -40 °C ... +125 °C
- made of self-extinguishing thermoplastic resin
UL 94V-0
- mechanical life: ≥ 500 cycles
- contact resistance: $\leq 3 \text{ m}\Omega$



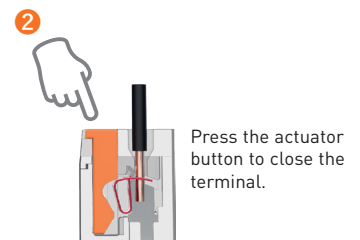
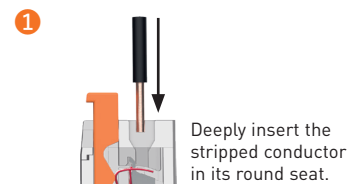
contacts side (front view)



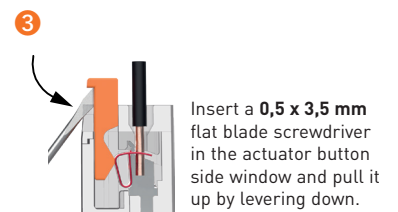
- inserts for connectors with the following conductor cross-sectional areas: 0,14 - 2,5 mm² - AWG 26 - 14
- conductors stripping length: 9...11 mm

SQUICH®-spring connection technology

CLOSING



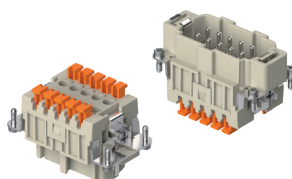
RE-OPENING



enclosures: size "57.27"	page:
C-TYPE IP65/IP66	244-249
C7 IP67, two levers	275
V-TYPE IP65/IP66, single lever	281-288, 291
BIG hoods	308-311
T-TYPE IP65 insulating	328-329
T-TYPE / W IP66 insulating	338-339
HYGIENIC T-TYPE / H IP66/IP69	352-353
HYGIENIC T-TYPE / C IP66/IP69, -50 °C	360-361
W-TYPE for aggressive environments	374
EMC	393
Central lever	406-407
IP68	424-427
LS-TYPE	452-453
E-Xtreme® corrosion proof	44-45, 56, 64-65 *
panel supports:	page:
COB	462-463

* refer to NEWS 2017 pages
 refer to CN.16 pages

inserts,
spring terminal connections



STAMPED CONTACTS, SILVER PLATED
 AVAILABLE NOVEMBER 2019

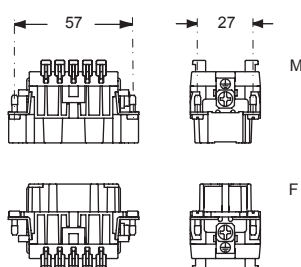
description

part No.

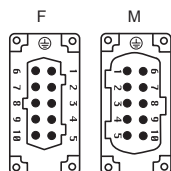
spring terminals with actuator button
 female inserts with female contacts
 male inserts with male contacts

CSHF 10 S
 CSHM 10 S

- characteristics according to EN 61984:
16A 500V 6kV 3
16A 400/690V 6kV 2
- cURus, CSA, CQC, DNV-GL, BV, EAC pending
- rated voltage according to UL/CSA: 600V
- insulation resistance: $\geq 10 \text{ G}\Omega$
- ambient temperature limit: $-40 \text{ }^\circ\text{C} \dots +125 \text{ }^\circ\text{C}$
- made of self-extinguishing thermoplastic resin
 UL 94V-0
- mechanical life: ≥ 500 cycles
- contact resistance: $\leq 3 \text{ m}\Omega$



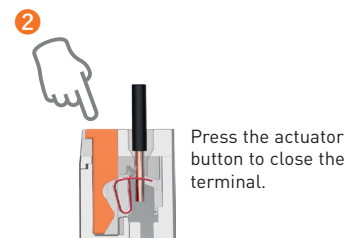
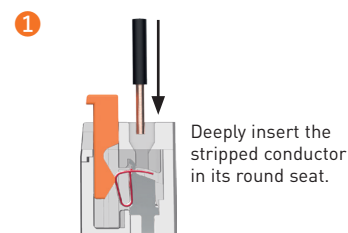
contacts side (front view)



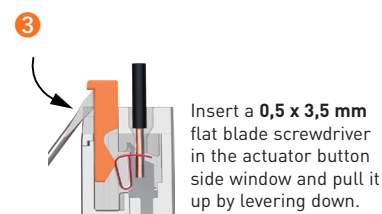
- inserts for connectors with the following conductor cross-sectional areas: $0,14 - 2,5 \text{ mm}^2$ - AWG 26 - 14
- conductors stripping length: 9...11 mm

SQUICH®-spring connection technology

CLOSING



RE-OPENING

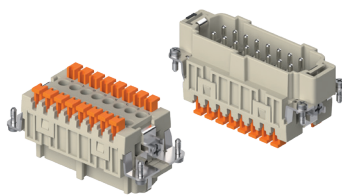


CSHF/M 16 S 16 poles + ⊕ 16A - 500V SQUICH®

enclosures: size "77.27"	page:
C-TYPE IP65/IP66	250-256
C7 IP67, two levers	276
V-TYPE IP65/IP66, single lever	282-292, 295
BIG hoods	312-315
T-TYPE IP65 insulating	330-331
T-TYPE / W IP66 insulating	340-341
HYGIENIC T-TYPE / H IP66/IP69	354-355
HYGIENIC T-TYPE / C IP66/IP69, -50 °C	362-363
W-TYPE for aggressive environments	375
EMC	394
Central lever	408-409
IP68	428-431
LS-TYPE	454-455
E-Xtreme® corrosion proof	46-47, 57, 66-67 *
panel supports: COB	page: 462-463

* refer to NEWS 2017 pages
 refer to CN.16 pages

inserts, spring terminal connections



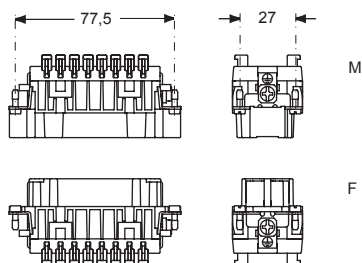
Q STAMPED CONTACTS, SILVER PLATED
AVAILABLE NOVEMBER 2019

description	part No.
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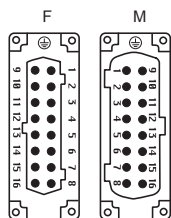
spring terminals with actuator button
 female inserts with female contacts
 male inserts with male contacts

CSHF 16 S
CSHM 16 S

- characteristics according to EN 61984:
16A 500V 6kV 3
16A 400/690V 6kV 2
- cURus, CSA, CQC, DNV-GL, BV, EAC pending
- rated voltage according to UL/CSA: 600V
- insulation resistance: $\geq 10 \text{ G}\Omega$
- ambient temperature limit: $-40 \text{ }^\circ\text{C} \dots +125 \text{ }^\circ\text{C}$
- made of self-extinguishing thermoplastic resin
 UL 94V-0
- mechanical life: ≥ 500 cycles
- contact resistance: $\leq 3 \text{ m}\Omega$



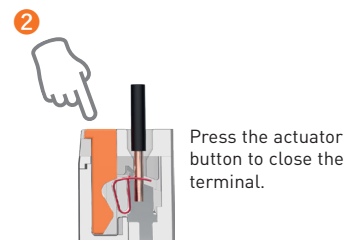
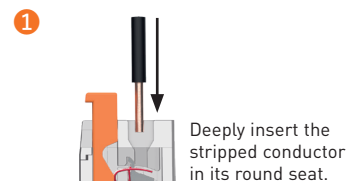
contacts side (front view)



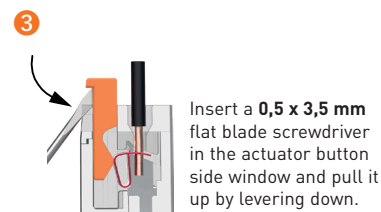
- inserts for connectors with the following conductor cross-sectional areas: $0,14 - 2,5 \text{ mm}^2$ - AWG 26 - 14
- conductors stripping length: 9...11 mm

SQUICH®-spring connection technology

CLOSING



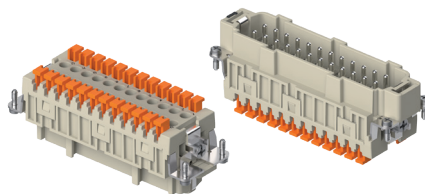
RE-OPENING



enclosures: size "104.27"	page:
C-TYPE IP65/IP66	258-266
C7 IP67, two levers	277
V-TYPE IP65/IP66, single lever	283-296, 299
BIG hoods	316-319
T-TYPE IP65 insulating	332-333
T-TYPE / W IP66 insulating	342-343
HYGIENIC T-TYPE / H IP66/IP69	356-357
HYGIENIC T-TYPE / C IP66/IP69, -50 °C	364-365
W-TYPE for aggressive environments	376
EMC	395
Central lever	410-412
IP68	432-435
LS-TYPE	456-457
E-Xtreme® corrosion proof	48-49, 58, 68-69 *
panel supports:	page:
COB	462-463

* refer to NEWS 2017 pages
 refer to CN.16 pages

inserts,
spring terminal connections



Q STAMPED CONTACTS, SILVER PLATED
 AVAILABLE NOVEMBER 2019

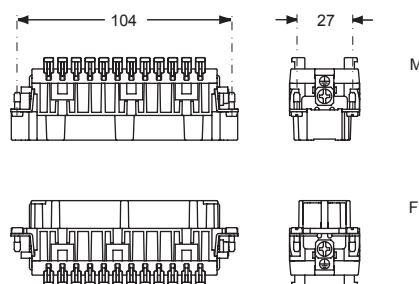
description

part No.

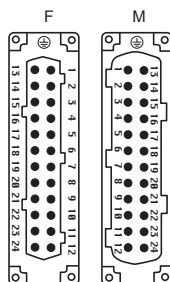
spring terminals with actuator button
 female inserts with female contacts
 male inserts with male contacts

CSHF 24 S
 CSHM 24 S

- characteristics according to EN 61984:
16A 500V 6kV 3
16A 400/690V 6kV 2
- cURus, CSA, CQC, DNV-GL, BV, EAC pending
- rated voltage according to UL/CSA: 600V
- insulation resistance: $\geq 10 \text{ G}\Omega$
- ambient temperature limit: -40 °C ... +125 °C
- made of self-extinguishing thermoplastic resin
 UL 94V-0
- mechanical life: ≥ 500 cycles
- contact resistance: $\leq 3 \text{ m}\Omega$



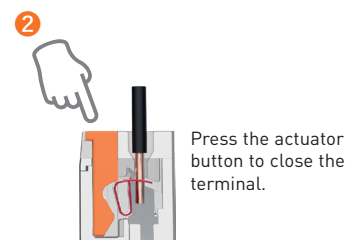
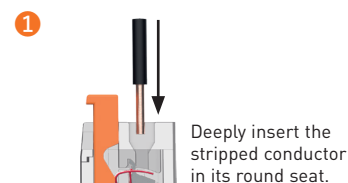
contacts side (front view)



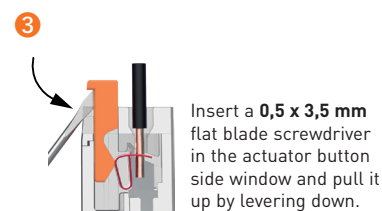
- inserts for connectors with the following conductor cross-sectional areas: 0,14 - 2,5 mm² - AWG 26 - 14
- conductors stripping length: 9...11 mm

SQUICH®-spring connection technology

CLOSING



RE-OPENING

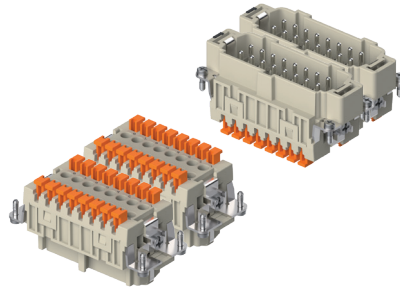


CSHF/M SN 32 poles + ⊕ 16A - 500V SQUICH®

enclosures: size "77.62"	page: 250-256
C-TYPE IP65/IP66	276
C7 IP67, two levers	282-292, 295
V-TYPE IP65/IP66, single lever	312-315
BIG hoods	330-331
T-TYPE IP65 insulating	340-341
T-TYPE / W IP66 insulating	354-355
HYGIENIC T-TYPE / H IP66/IP69	362-363
HYGIENIC T-TYPE / C IP66/IP69, -50 °C	375
W-TYPE for aggressive environments	394
EMC	408-409
Central lever	428-431
IP68	454-455
LS-TYPE	57, 66-67 *
E-Xtreme® corrosion proof	page: 462-463
panel supports: COB	

* refer to NEWS 2017 pages
 ■ refer to CN.16 pages

inserts, spring terminal connections



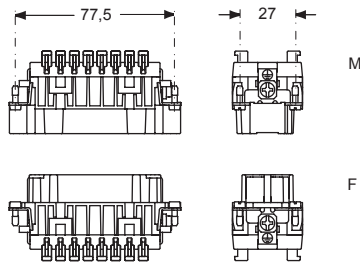
Q STAMPED CONTACTS, SILVER PLATED
AVAILABLE NOVEMBER 2019

description	part No.	part No.
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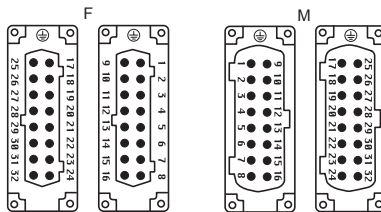
spring terminals with actuator button
 female inserts with female contacts, No. (1-16) & (17-32)
 male inserts with male contacts, No. (1-16) & (17-32)

CSHF 16 S **CSHF 16 SN**
CSHM 16 S **CSHM 16 SN**

- characteristics according to EN 61984:
16A 500V 6kV 3
16A 400/690V 6kV 2
- cURus, CSA, CQC, DNV-GL, BV, EAC pending
- rated voltage according to UL/CSA: 600V
- insulation resistance: ≥ 10 GΩ
- ambient temperature limit: -40 °C ... +125 °C
- made of self-extinguishing thermoplastic resin
 UL 94V-0
- mechanical life: ≥ 500 cycles
- contact resistance: ≤ 3 mΩ



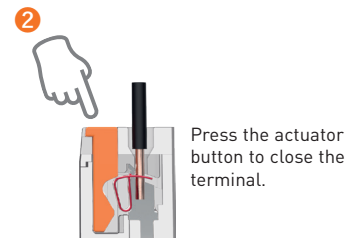
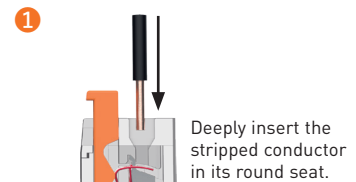
contacts side (front view)



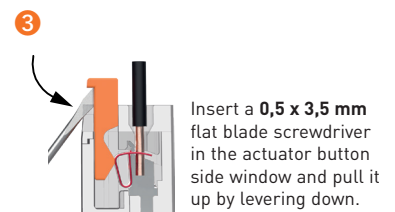
- inserts for connectors with the following conductor cross-sectional areas: 0,14 - 2,5 mm² - AWG 26 - 14
- conductors stripping length: 9...11 mm

SQUICH®-spring connection technology

CLOSING



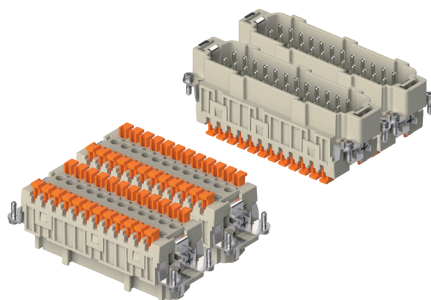
RE-OPENING



enclosures: size "104.62"	page: 258-266
C-TYPE IP65/IP66	277
C7 IP67, two levers	283-296, 299
V-TYPE IP65/IP66, single lever	316-319
BIG hoods	332-333
T-TYPE IP65 insulating	342-343
T-TYPE / W IP66 insulating	356-357
HYGIENIC T-TYPE / H IP66/IP69	364-365
HYGIENIC T-TYPE / C IP66/IP69, -50 °C	376
W-TYPE for aggressive environments	395
EMC	410-412
Central lever	432-435
IP68	456-457
LS-TYPE	58, 68-69 *
E-Xtreme® corrosion proof	page: 462-463
panel supports: COB	

* refer to NEWS 2017 pages
 ■ refer to CN.16 pages

inserts,
spring terminal connections



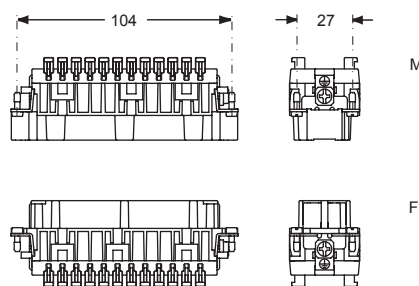
Q STAMPED CONTACTS, SILVER PLATED
 AVAILABLE NOVEMBER 2019

description	part No.	part No.
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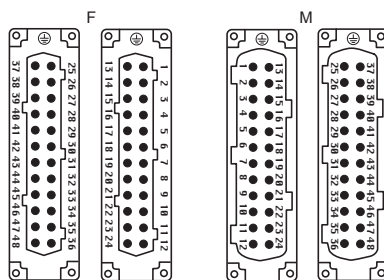
spring terminals with actuator button
 female inserts with female contacts, No. (1-24) & (25-48)
 male inserts with male contacts, No. (1-24) & (25-48)

CSHF 24 S	CSHF 24 SN
CSHM 24 S	CSHM 24 SN

- characteristics according to EN 61984:
- 16A 500V 6kV 3**
- 16A 400/690V 6kV 2**
- cURus, CSA, CQC, DNV-GL, BV, EAC pending
- rated voltage according to UL/CSA: 600V
- insulation resistance: $\geq 10 \text{ G}\Omega$
- ambient temperature limit: $-40 \text{ }^\circ\text{C} \dots +125 \text{ }^\circ\text{C}$
- made of self-extinguishing thermoplastic resin
UL 94V-0
- mechanical life: ≥ 500 cycles
- contact resistance: $\leq 3 \text{ m}\Omega$



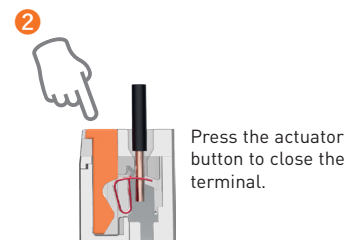
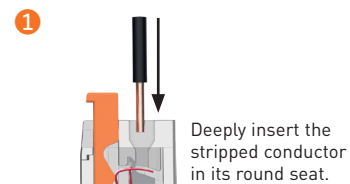
contacts side (front view)



- inserts for connectors with the following conductor cross-sectional areas: 0,14 - 2,5 mm² - AWG 26 - 14
- conductors stripping length: 9...11 mm

SQUICH®-spring connection technology

CLOSING



RE-OPENING

