

Waterproof Power Connectors



Features

- Protection Rating: IP68
- Threaded/snap-locking mechanism, vibration-resistant and anti-loosening.
- Flame-retardant housing, impact-resistant and weatherproof.

Weblinks

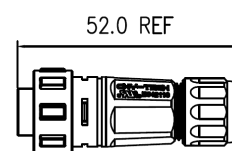
[Dimension Drawing](#)、[Detailed request for product](#)

Technical Data

CWAP-FCTS-G03S-N



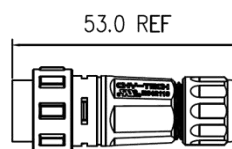
- ◆ Type: Female
- ◆ Number of Contacts: 3 contacts
- ◆ Locking Mechanism: Screw locking ring
- ◆ Operating Temperature: -40°C ~ +80°C



CWAP-FCTS-G04P-N



- ◆ Type: Male
- ◆ Number of Contacts: 4 contacts
- ◆ Locking Mechanism: Screw locking ring
- ◆ Operating Temperature: -40°C ~ +80°C



CWAP-FCTS-G06P-N

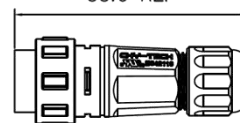


- ◆ Type: Male
- ◆ Number of Contacts: 6 contacts
- ◆ Locking Mechanism: Screw locking ring
- ◆ Operating Temperature: -40°C ~ +80°C

19.90 REF



53.0 REF



CWAP-FCTS-G08P-N

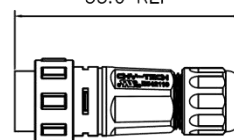


- ◆ Type: Male
- ◆ Number of Contacts: 8 contacts
- ◆ Locking Mechanism: Screw locking ring
- ◆ Operating Temperature: -40°C ~ +80°C

19.90 REF



53.0 REF



Mechanical:

Contacts	Insertion Force	Withdrawal Force	Operating Life
3	25N	17N	1000 Cycles Min
4	27N	17N	1000 Cycles Min
6,8	27N	21N	1000 Cycles Min

Material:

Body Mouldings: Polyamide

Flammability Rating: UL94V-0

O Rings: Silicon Rubber

Other:

Waterproof Rating: IP68

UL Certification No.: E542119

RoHS Compliance: Meets RoHS Requirements

Product standards

Product standards that are referenced

Organization	Design	Standard	Description
	Designed according to	IEC 60529:2013	Degrees of protection provided by enclosures (IP Code)
	Designed according to	IEC 61984:2008	Connectors — Safety requirements and tests
	Designed according to	UL/cUL	Standard for Component Connectors for Use in Data, Signal, Control and Power Applications/Special Use Attachment Plugs, Receptacles and Connectors

Application standards

Application standards where the product can be used

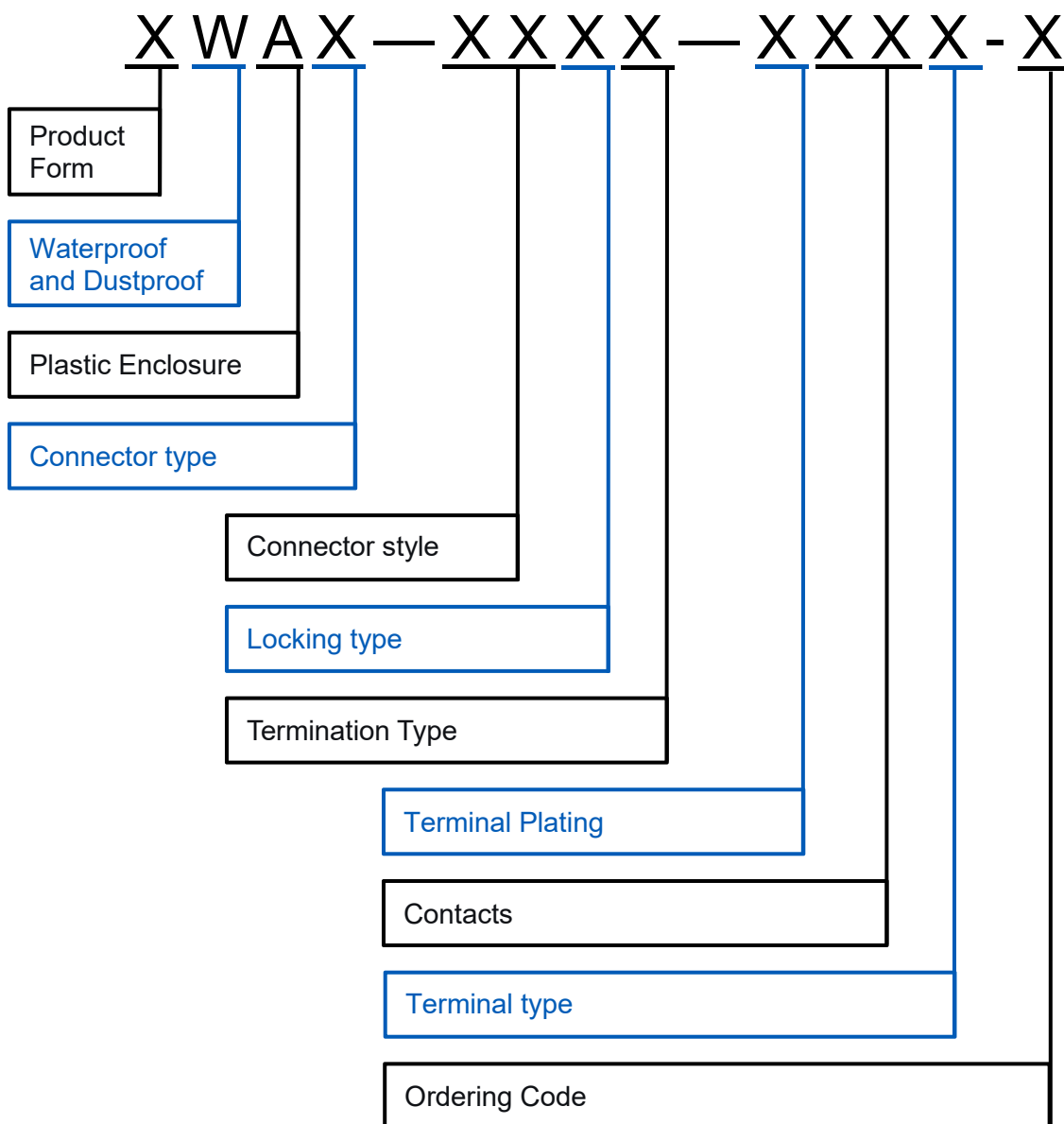
Organization	Design	Standard	Description
	Suitable for	IEC 60598-1	Luminaires — Part 1: General requirements and tests

Compliances

The product complies with following Guide Lines

Organization	Details	Initiator	Description
	RoHS	CHY-TECH	Directive RoHS 2011/65/EU, Amendment (EU) 2015/863
	REACH	CHY-TECH	On 1 June 2007, Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals 1 (abbreviated as "REACH") entered into force.

Product Nomenclature:



Product Form: C(circular)、R(rectangle)

Connector type: P(plug)、S(socket)、A(accessories)

Connector style: FC(flex cable connector)、FP(front panel mounting connector)
RP(rear panel mounting connector)、AP(front or back panel mounting connector)

Locking type: B(bayonet)、T(thread)、P(push-pull)

Termination Type: C(crimp)、S(solder)、L(screw)、P(PCB through-hole)

Terminal Plating: N(nickel)、T(tin)、G(gold)

Contacts: 02、03、04、06、08……

Terminal type: S(socket)、P(pin)

Ordering Code: B(with contacts)、N(without contacts)