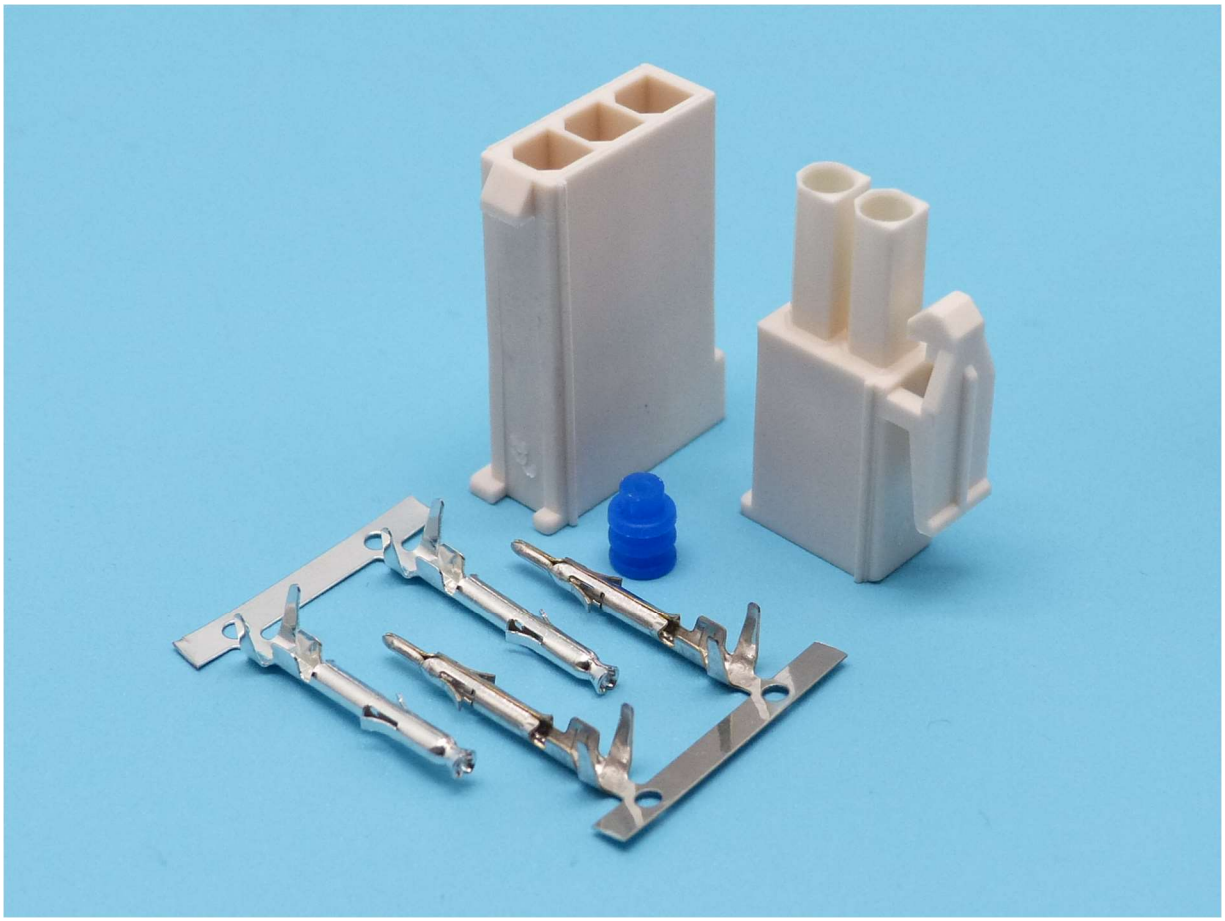


CR4 series

Wire-to-wire Connectors

Passo 4.14mm

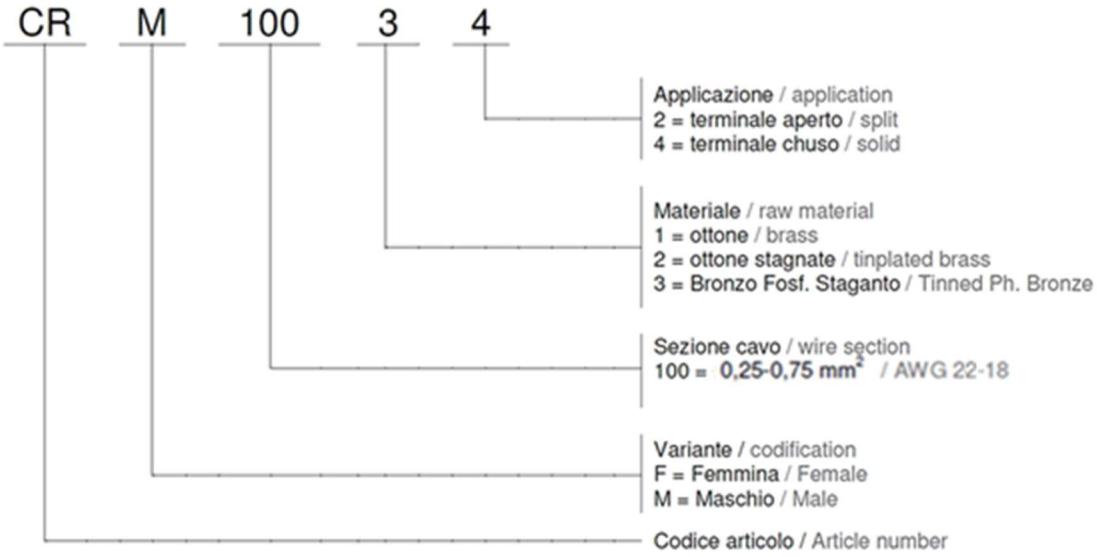
Pitch 4.14mm

DESCRIZIONE / Overview

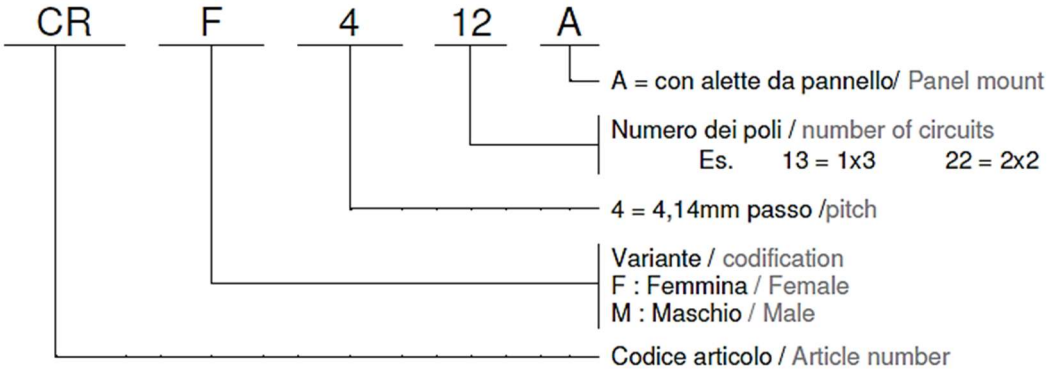
Questo tipo di connessione con passo 4,14mm consiste in connettori porta contatto maschio e connettori porta contatto femmina, dove quest'ultimi possono avere la predisposizione per il montaggio a pannello. I connettori sono disponibili in materiali con grado di autoestinguenza V2 e V0 secondo la UL94 ed hanno applicazioni in cablaggi elettrici utilizzati nell'industria del piccolo e grande Elettrodomestico. La connessione consiste in connettori maschio e femmina che possono montare contatti maschio o femmina a crimpare. La connessione può essere volante o su scheda elettronica, quest'ultima con connettori da scheda premontati con terminali a saldare maschi o femmina. La tenuta del terminale nel connettore è garantita dai ganci integrati nel terminale.

This connection system with pitch 4,14mm is a range of housings with plugs and pins contact and male and female housings. Female housings could have the panel mount option. All connector housings are available in materials with self-extinguishing rate V2 or V0 according to UL94. This range of connectors have applications in electrical wiring used in the small and large appliance. A connector assembly consists of male and female housing with a specified number of crimp contacts (sockets or pins) The connection can wire-to-wire or wire-to-board by a header supplied with preloaded solder-tail pin or socket contacts. Terminal retention into the housing is provided by lances that are integrated in the contacts.

IDENTIFICAZIONE TERMINALI / Receptacles Name and Part Number



IDENTIFICAZIONE CONNETTORI / Housings Name and Part Number



CARATTERISTICHE MATERIALI / Materials Specification

Connettori / Housings	*PA66-V2 , PA66-V0.* *Glow Wire capable (750°C Noflame) according to Directive IEC 60335-1.*
Terminali / Contacts	*Brass or Phosphor Bronze with tin plating (Lead-Free).*

CORRENTI E CAVI APPLICABILI / Ratings and Applicable Wires

Sezioni di cavo applicabili / Applicable Wire	0,25-0,75 mm^2 or 22-18 AWG
Tensione della corrente di lavoro / Rated Voltage	250V AC/DC
Portata di corrente / Rated Current (max.)	10A max
Resistenza del contatto / Contact Resistance	20 mΩ min

CARATTERISTICHE ELETTRICHE / Electrical Specification

Temperatura d'esercizio / Operating temperature	-40°C ~ +140°C
Resistenza del contatto / Contact Resistance	20 mΩ max

CERTIFICAZIONI SUL PRODOTTO / Product Approvals

c UL us

ECBT2.E490437
ECBT8.E490437

AUTOCERTIFICAZIONI / Product Certification

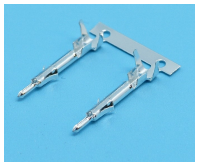
CE **RoHS** **REACH**

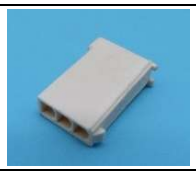
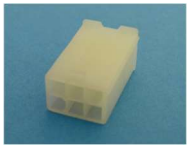
CONNESSIONE MASCHIO / Male connection

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section mm²	Sezione/wire section AWG	MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
	11.0mm	**CRF10034**	0,25-0,75 (0,35+0,35)	22-18 (22+22)	Br.Fosforoso Phosphor Br.	Stagnato Tinned	c UL us	5 x 3.500

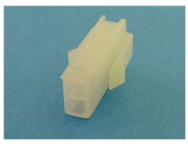
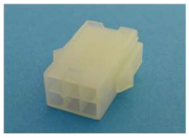
DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING UL94	RATING RTI	RATING GWT	CERTIFICATI Approvals	CONF.NE Package
	2x1	**CRM412**	PA66	V2	130	---	c UL us	5.000
		CRM412V0	PA66	V0	140	---		
		CRM412H	PA6	V2	130	750°C noflame		
		CRM412Z	PA66	V0	140	750°C noflame		
	1x3	**CRM413**	PA66	V2	130	---	c UL us	4.000
		CRM413V0	PA66	V0	140	---		
		CRM413H	PA6	V2	130	750°C noflame		
		CRM413Z	PA66	V0	140	750°C noflame		
	2x2	**CRM422**	PA66	V2	130	---	c UL us	2.000
		CRM422V0	PA66	V0	140	---		
		---	---	---	---	---		
		---	---	---	---	---		
	2x3	**CRM423**	PA66	V2	130	---	c UL us	2.000
		CRM423V0	PA66	V0	140	---		
		---	---	---	---	---		
		---	---	---	---	---		

CONNESSIONE FEMMINA / Female connection

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm²	AWG				
	11.0mm	**CRM10034**	0,25-0,75 (0,35+0,35)	22-18 (22+22)	Br.Fosforoso Phosphor Br.	Stagnato Tinned	c UL us	5 x 3.500

DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	2x1	**CRF412**	PA66	V2	130	---	c UL us	5.000
		CRF412V0	PA66	V0	140	---		
		CRF412H	PA6	V2	130	750°C noflame		
		CRF412Z	PA66	V0	140	750°C noflame		
	1x3	**CRF413**	PA66	V2	130	---	c UL us	4.000
		CRF413V0	PA66	V0	140	---		
		CRF413H	PA6	V2	130	750°C noflame		
		CRF413Z	PA66	V0	140	750°C noflame		
	2x2	**CRF422**	PA66	V2	130	---	c UL us	2.000
		CRF422V0	PA66	V0	140	---		
		---	---	---	---	---		
		---	---	---	---	---		
	2x3	**CRF423**	PA66	V2	130	---	c UL us	2.000
		CRF423V0	PA66	V0	140	---		
		---	---	---	---	---		
		---	---	---	---	---		

CONNESSIONE FEMMINA DA PANNELLO / Female connection with panel mount

	2x1	**CRF412A**	PA66	V2	130	---		2.000
		CRF412AV0	PA66	V0	140	---		
		---	---	---	---	---		
		---	---	---	---	---		
	2x2	**CRF422A**	PA66	V2	130	---		2.000
		CRF422AV0	PA66	V0	140	---		
		---	---	---	---	---		
		---	---	---	---	---		
	2x3	**CRF423A**	PA66	V2	130	---		2.000
		CRF423AV0	PA66	V0	140	---		
		---	---	---	---	---		
		---	---	---	---	---		

GUARNIZIONI / Seals

CAVO / Wire

DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING		CONF.NE Industriale Wholesale Package	CONF.NE ridotta Retail Package
				UL94	RTI		
	1	**411WIRE**	silicone	V2	130	5.000	500