

CT series

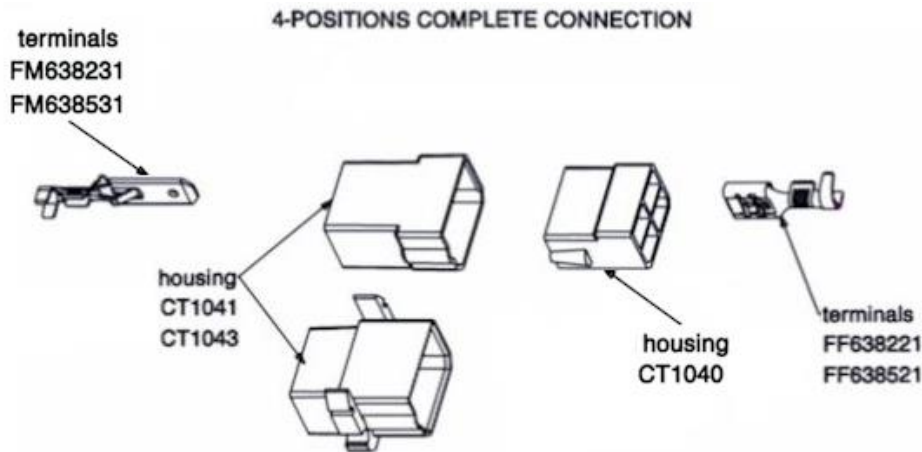


CT 10 connector system **Wire-to-Wire** **6.3 series connectors**

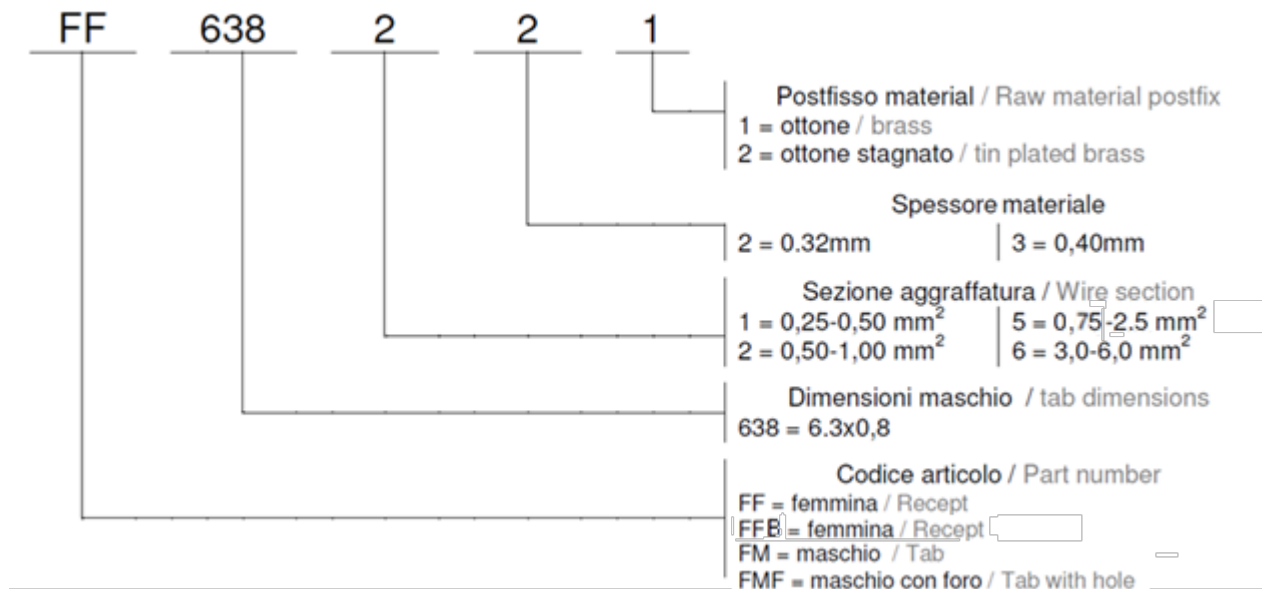
DESCRIZIONE / Description

Il sistema di connessione consiste in connettori maschio e femmina volanti e da pannello che si possono accoppiare a terminali a crimpare maschio o femmina. Questa serie di connessioni prende il nome dalla dimensione del contatto maschio che ha una larghezza nominale di 6,3mm. Tutti i connettori sono disponibili in materiale PA66 UL94-V2, PA66 UL94-V0 e in PA66 conforme alla Direttiva IEC 60335-1 con GWT a 750°C.

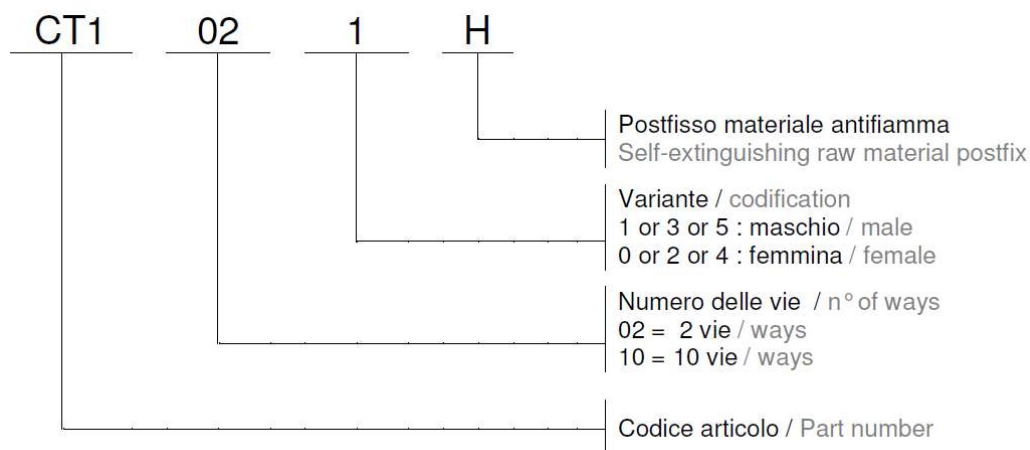
This connector system consists of wire-to-wire male and female housings with optional panel mounts, mating specified crimp contacts (receptacles or tabs) The connection is named according to the dimensions of the tab that have a width of 6,3mm (or 250") All the connector housings are available in material PA66 UL94-V2, PA66 UL94-V0 and PA66 UL94-V0 and in material PA66 meeting to the Directive IEC 60335-1, with Glow Wire Test at 750° No Flame.



IDENTIFICAZIONE TERMINALI / Terminals Name and Part Number



IDENTIFICAZIONE CONNETTORI / Housings Name and Part Number



CARATTERISTICHE MATERIALI / Materials Specification

Connettori / Housings	PA66V2, PA66V0 PA66V2 and PA66V0 meeting the GWT (750°C No flame) 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	0,25-6.00 mm ² / 24-10 AWG	(DIN 46249 Teil1)
Tensione della corrente di lavoro / Rated voltage	250V AC/DC	
Portata di corrente / Rated current (max.)	25A max	(DIN 46249 Teil1)

CARATTERISTICHE ELETTRICHE / Electrical Specification

Temperatura d'esercizio / Operating temperature	-40°C ~ +140°C
Resistenza del contatto / Contact resistance	3-35 mΩ min (DIN 46249 Teil1)

CERTIFICAZIONI SUL PRODOTTO / Product Approvals



ECCT2.E304173
RFWV2.E326092



RFWV.E326092

AUTOCERTIFICAZIONI / Product Certification

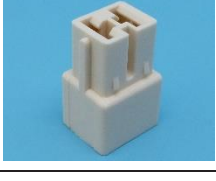
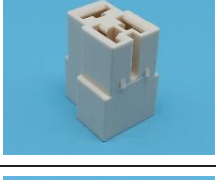


RoHS

REACH

CONNETTORE FEMMINA / Female connection

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
	21,4mm	FF638121	0,25-0,50	24-20	Ottone-Brass	---		3 x 5.000
	21,4mm	FF638122	0,25-0,50	24-20	Ottone-Brass	Stagnato /Tin plated		3 x 5.000
	20,9mm	FF638621	3,00-6,00	14-10	Ottone-Brass	---		3 x 5.000
	20,9mm	FF638622	3,00-6,00	14-10	Ottone-Brass	Stagnato /Tin plated		3 x 5.000
Terminale con dentino rinforzato da nervatura / armored locking lance								
	21,6mm	FF638221	0,50-1,00	20-18	Ottone-Brass	---		3 x 5.000
	21,6mm	FF638222	0,50-1,00	20-18	Ottone-Brass	Pre-stagnato / Pretinned		3 x 5.000
	21,6mm	FF638521	0,75-2,50	18-14	Ottone-Brass	---		3 x 5.000
	21,6mm	FF638522	0,75-2,50	18-14	Ottone-Brass	Pre-stagnato / Pretinned		3 x 5.000
Terminale con dentino e bugna / with locking lance and mating dimple								
	21,6mm	FFB638221	0,50-1,00	20-18	Ottone-Brass	---	---	3 x 5.000
	21,6mm	FFB638222	0,50-1,00	20-18	Ottone-Brass	Pre-stagnato / Pretinned	---	3 x 5.000
	21,6mm	FFB638521	0,75-2,50	18-14	Ottone-Brass	---	---	3 x 5.000
	21,6mm	FFB638522	0,75-2,50	18-14	Ottone-Brass	Pre-stagnato / Pretinned	---	3 x 5.000

DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	1	CT1010	PA66	V2	130	---		10.000
		CT1010V0	PA66	V0	140	---		
		CT1010H	PA6	V2	130	750°C noflame		
		CT1010Z	PA66	V0	140	750°C noflame		
	1	CT1010F	PA66	V2	130	---		10.000
		CT1010FV0	PA66	V0	140	---		
		CT1010FH	PA6	V2	130	750°C noflame		
		CT1010FZ	PA66	V0	140	750°C noflame		
	2	CT1020	PA66	V2	130	---		5.000
		CT1020V0	PA66	V0	140	---		
		CT1020H	PA6	V2	130	750°C noflame		
		CT1020Z	PA66	V0	140	750°C noflame		
	2	CT1022	PA66	V2	130	---		5.000
		CT1022V0	PA66	V0	140	---		
		CT1022H	PA6	V2	130	750°C noflame		
		CT1022Z	PA66	V0	140	750°C noflame		
	2	CT1024	PA66	V2	130	---		5.000
		CT1024V0	PA66	V0	140	---		
		CT1024H	PA6	V2	130	750°C noflame		
		CT1024Z	PA66	V0	140	750°C noflame		
	3	CT1030	PA66	V2	130	---		2.500
		CT1030V0	PA66	V0	140	---		
		CT1030H	PA6	V2	130	750°C noflame		
		CT1030Z	PA66	V0	140	750°C noflame		
	3	CT1034	PA66	V2	130	---		4.000
		CT1034V0	PA66	V0	140	---		
		CT1034H	PA6	V2	130	750°C noflame		
		CT1034Z	PA66	V0	140	750°C noflame		
	4	CT1040	PA66	V2	130	---		2.000
		CT1040V0	PA66	V0	140	---		
		CT1040H	PA6	V2	130	750°C noflame		
		CT1040Z	PA66	V0	140	750°C noflame		
	6	CT1060	PA66	V2	130	---		2.000
		CT1060V0	PA66	V0	140	---		
		CT1060H	PA6	V2	130	750°C noflame		
		CT1060Z	PA66	V0	140	750°C noflame		

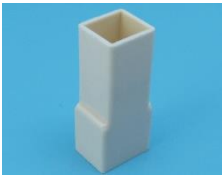
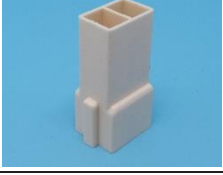
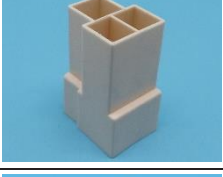
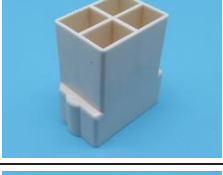
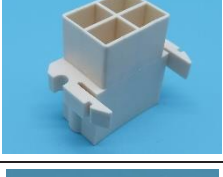
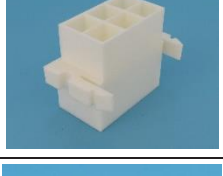
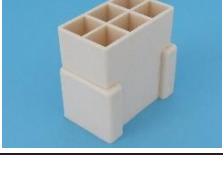
Le dimensioni sono in millimetri, salvo diversamente specificato.
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REV. 2025-1

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DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	6 Ganci da pannello Panel mounts	CT1062	PA66	V2	130	---		1.000
		CT1062V0	PA66	V0	140	---		
		CT1062H	PA6	V2	130	750°C noflame		
		CT1062Z	PA66	V0	140	750°C noflame		
	8	CT1080	PA66	V2	130	---		1.000
		CT1080V0	PA66	V0	140	---		
		CT1080H	PA6	V2	130	750°C noflame		
		CT1080Z	PA66	V0	140	750°C noflame		
	11	CT1110	PA66	V2	130	---		1.000
		CT1110V0	PA66	V0	140	---		
		CT1110H	PA6	V2	130	750°C noflame		
		CT1110Z	PA66	V0	140	750°C noflame		

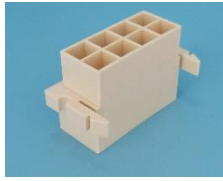
CONNETTORE MASCHIO / Male connection

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
	30,2mm	FM638131	0,25-0,50	24-20	Ottone-Brass	---		3 x 4.000
	30,2mm	FM638132	0,25-0,50	24-20	Ottone-Brass	Pre-stagnato / Pretinned		3 x 4.000
	30,0mm	FM638231	0,50-1,00	20-18	Ottone-Brass	---		3 x 3.500
	30,0mm	FM638232	0,50-1,00	20-18	Ottone-Brass	Pre-stagnato / Pretinned		3 x 3.500
	30,0mm	FM638531	0,75-2,50	18-14	Ottone-Brass	---		3 x 3.500
	30,0mm	FM638532	0,75-2,50	18-14	Ottone-Brass	Pre-stagnato / Pretinned		3 x 3.500
Terminale con foro / terminal with hole								
	30,2mm	FMF638131	0,25-0,50	24-20	Ottone-Brass	---		3 x 4.000
	30,2mm	FMF638132	0,25-0,50	24-20	Ottone-Brass	Pre-stagnato / Pretinned		3 x 4.000
	30,0mm	FMF638231	0,50-1,00	20-18	Ottone-Brass	---	---	3 x 3.500
	30,0mm	FMF638232	0,50-1,00	20-18	Ottone-Brass	Pre-stagnato / Pretinned	---	3 x 3.500
	30,0mm	FMF638531	0,75-2,50	18-14	Ottone-Brass	---	---	3 x 3.500
	30,0mm	FMF638532	0,75-2,50	18-14	Ottone-Brass	Pre-stagnato / Pretinned	---	3 x 3.500
	30,0mm	FMF638631	3,00-6,00	14-10	Ottone-Brass	---		3 x 3.500
	30,0mm	FMF638632	3,00-6,00	14-10	Ottone-Brass	Pre-stagnato / Pretinned		3 x 3.500

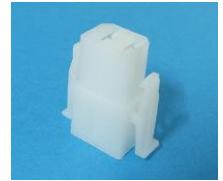
DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	1	CT1011	PA66	V2	130	---		5.000
		CT1011V0	PA66	V0	140	---		
		CT1011H	PA6	V2	130	750°C noflame		
		CT1011Z	PA66	V0	140	750°C noflame		
	1	CT1021	PA66	V2	130	---		5.000
		CT1021V0	PA66	V0	140	---		
		CT1021H	PA6	V2	130	750°C noflame		
		CT1021Z	PA66	V0	140	750°C noflame		
	2	CT1023	PA66	V2	130	---		2.500
		CT1023V0	PA66	V0	140	---		
		CT1023H	PA6	V2	130	750°C noflame		
		CT1023Z	PA66	V0	140	750°C noflame		
	2	CT1025	PA66	V2	130	---		5.000
		CT1025V0	PA66	V0	140	---		
		CT1025H	PA6	V2	130	750°C noflame		
		CT1025Z	PA66	V0	140	750°C noflame		
	3	CT1031	PA66	V2	130	---		2.500
		CT1031V0	PA66	V0	140	---		
		CT1031H	PA6	V2	130	750°C noflame		
		CT1031Z	PA66	V0	140	750°C noflame		
	4	CT1041	PA66	V2	130	---		2.000
		CT1041V0	PA66	V0	140	---		
		CT1041H	PA6	V2	130	750°C noflame		
		CT1041Z	PA66	V0	140	750°C noflame		
	4 Ganci da pannello Panel mounts	CT1043	PA66	V2	130	---		1.250
		CT1043V0	PA66	V0	140	---		
		CT1043H	PA6	V2	130	750°C noflame		
		CT1043Z	PA66	V0	140	750°C noflame		
	6 Ganci da pannello Panel mounts	CT1061	PA66	V2	130	---		1.000
		CT1061V0	PA66	V0	140	---		
		CT1061H	PA6	V2	130	750°C noflame		
		CT1061Z	PA66	V0	140	750°C noflame		
	6	CT1063	PA66	V2	130	---		1.000
		CT1063V0	PA66	V0	140	---		
		CT1063H	PA6	V2	130	750°C noflame		
		CT1063Z	PA66	V0	140	750°C noflame		

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				UL94	RTI	GWT		
	8 Ganci da pannello Panel mounts	CT1081	PA66	V2	130	---		1.000
		CT1081V0	PA66	V0	140	---		
		CT1081H	PA6	V2	130	750°C noflame		
		CT1081Z	PA66	V0	140	750°C noflame		
	8	CT1083	PA66	V2	130	---		1.000
		CT1083V0	PA66	V0	140	---		
		CT1083H	PA6	V2	130	750°C noflame		
		CT1083Z	PA66	V0	140	750°C noflame		
	11	CT1111	PA66	V2	130	---		1.000
		CT1111V0	PA66	V0	140	---		
		CT1111H	PA6	V2	130	750°C noflame		
		CT1111Z	PA66	V0	140	750°C noflame		

CONNETTORI SPECIALI / Custom connection

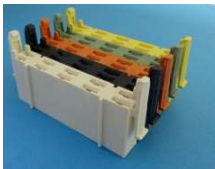
DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	2	CT1028	PA66	V2	130	---		2.500
		CT1028V0	PA66	V0	140	---		
		CT1028H	PA6	V2	130	750°C noflame		
		CT1028Z	PA66	V0	140	750°C noflame		
	2	CT1029	PA66	V2	130	---		2.500
		CT1029V0	PA66	V0	140	---		
		CT1029H	PA6	V2	130	750°C noflame		
		CT1029Z	PA66	V0	140	750°C noflame		

NOTA / NOTE : i seguenti particolari hanno cambiato codice / codes of following parts have changed

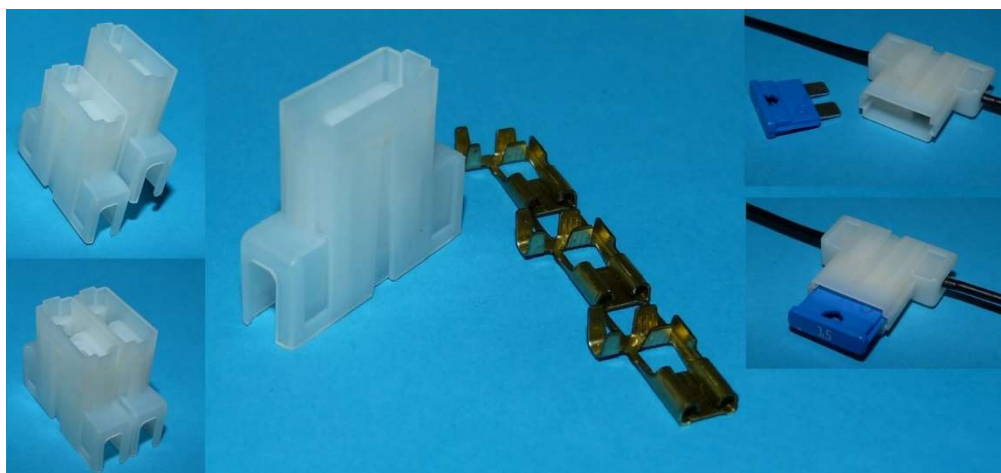
CT1028 = BS6002

CT1029 = BS6102

CONNETTORE PER PROGRAMMATTORE / Connector housings for Timer

DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	2x5	CT5010T	PA66	V2	130	---	---	1.250
		CT5010TH	PA6	V2	130	750°C noflame		
		CT5010TZ	PA66	V0	140	750°C noflame		
	1x5	CT5005T	PA66	V2	130	---	---	1.250
		CT5005TH	PA6	V2	130	750°C noflame		
		CT5005T	PA66	V0	140	750°C noflame		
	1x12	CT5012	PA66	V2	130	---		1.500
		CT5012H	PA6	V2	130	750°C noflame		
		CT5012Z	PA66	V0	140	750°C noflame		
	2x5	C5C010	PA66	V2	130	---		1.250
		C5C010H	PA6	V2	130	750°C noflame		
		C5C010Z	PA66	V0	140	750°C noflame		

CONNETTORE PORTA FUSIBILE MODULARE



CODICE Code	DESCRIZIONE Description	N. vie N. positions	MATERIALE / Material				CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
PF5301-1	Nero Black	2	PA66	V2	130	---	---	1.000
PF5301V0-1			PA6	V0	130	---		

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