

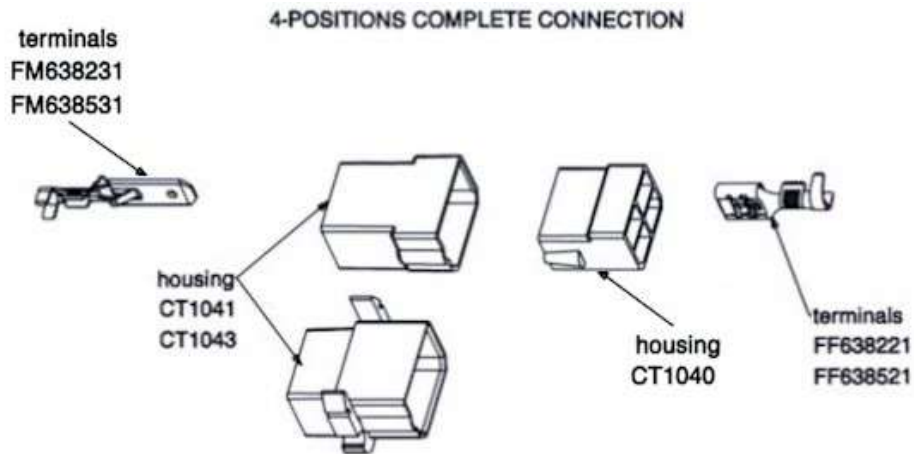
## CT connector system

### 6,3 series Connectors

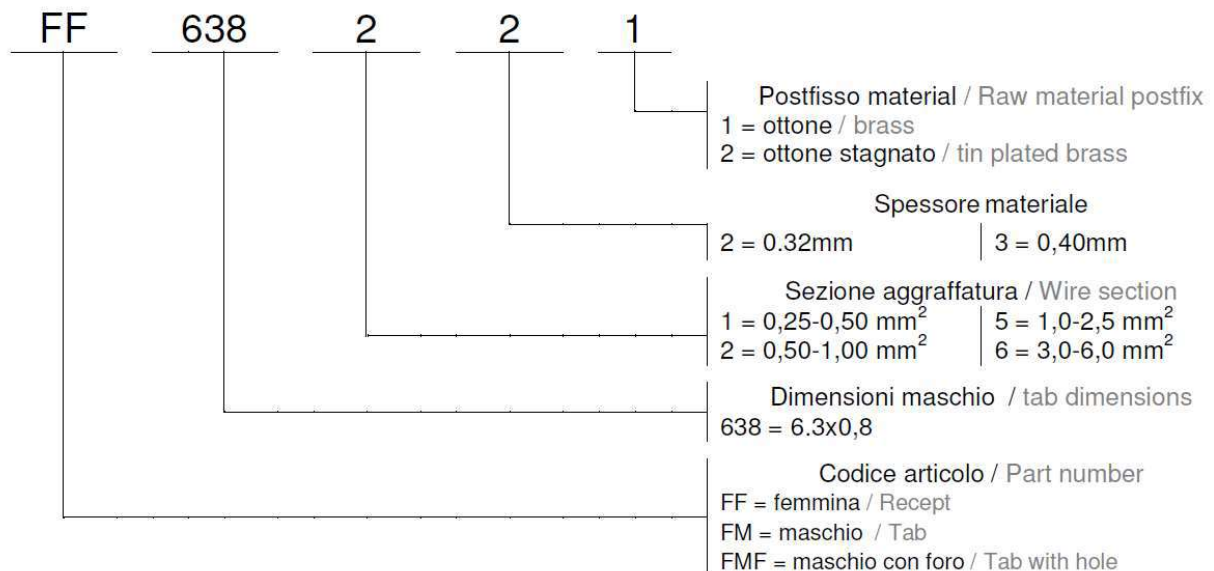
## DESCRIZIONE / Description

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 e PA66 UL94-V0 e in PA66 conforme alla Direttiva IEC 60335-1 con GWT a 750°C.

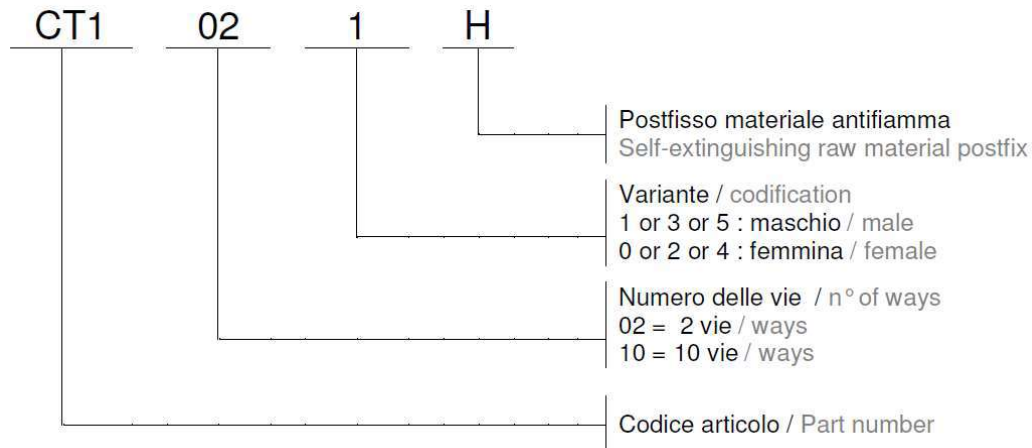
This connector system consists of wire-to-wire male and female housings with optional panel mounts, mating specified crimp contacts (receptacles or tabs) The connection is named according to the dimensions of the tab that have a width of 6,3mm (or .250") All the connector housings are available in material 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 <sup>2</sup> or 23-10 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  
RFVV.E326092  
RFVV2.E326092


## AUTOCERTIFICAZIONI / Product certification











CONNETTORE FEMMINA / Female connection

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm <sup>2</sup>	AWG				
	21,4mm	<b>FF638321</b>	0,50-1,00	20-17	Ottone-Brass	---		3 x 5.000
	21,4mm	<b>FF638322</b>	0,50-1,00	20-17	Ottone-Brass	Stagnato /Tin plated		3 x 5.000
	21,5mm	<b>FF638421</b>	0,75-2,50	18-13	Ottone-Brass	---		3 x 5.000
	21,5mm	<b>FF638422</b>	0,75-2,50	18-13	Ottone-Brass	Stagnato /Tin plated		3 x 5.000
	20,9mm	<b>FF638621</b>	3,00-6,00	13-10	Ottone-Brass	---		3 x 5.000
	20,9mm	<b>FF638622</b>	3,00-6,00	13-10	Ottone-Brass	Stagnato /Tin plated		3 x 5.000








Terminale con nervatura di rinforzo sul dentino / beat in locking lance

	21,6mm	<b>FF638221</b>	0,50-1,00	20-17	Ottone-Brass	---	---	3 x 5.000
	21,6mm	<b>FF638222</b>	0,50-1,00	20-17	Ottone-Brass	Stagnato /Tin plated	---	3 x 5.000
	21,6mm	<b>FF638521</b>	0,75-2,50	18-13	Ottone-Brass	---	---	3 x 5.000
	21,6mm	<b>FF638522</b>	0,75-2,50	18-13	Ottone-Brass	Stagnato /Tin plated	---	3 x 5.000

DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	1	<b>CT1010</b>	PA66	V2	130	---		10.000
		<b>CT1010V0</b>	PA66	V0	140	---		
		<b>CT1010H</b>	PA6	V2	130	750°C noflame		
		<b>CT1010Z</b>	PA66	V0	140	750°C noflame		
	1	<b>CT1010F</b>	PA66	V2	130	---		10.000
		<b>CT1010FV0</b>	PA66	V0	140	---		
		<b>CT1010FH</b>	PA6	V2	130	750°C noflame		
		<b>CT1010FZ</b>	PA66	V0	140	750°C noflame		
	2	<b>CT1020</b>	PA66	V2	130	---		5.000
		<b>CT1020V0</b>	PA66	V0	140	---		
		<b>CT1020H</b>	PA6	V2	130	750°C noflame		
		<b>CT1020Z</b>	PA66	V0	140	750°C noflame		
	2	<b>CT1022</b>	PA66	V2	130	---		5.000
		<b>CT1022V0</b>	PA66	V0	140	---		
		<b>CT1022H</b>	PA6	V2	130	750°C noflame		
		<b>CT1022Z</b>	PA66	V0	140	750°C noflame		







DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	2	<b>CT1024</b>	PA66	V2	130	---		5.000
		<b>CT1024V0</b>	PA66	V0	140	---		
		<b>CT1024H</b>	PA6	V2	130	750°C noflame		
		<b>CT1024Z</b>	PA66	V0	140	750°C noflame		
	3	<b>CT1030</b>	PA66	V2	130	---		2.500
		<b>CT1030V0</b>	PA66	V0	140	---		
		<b>CT1030H</b>	PA6	V2	130	750°C noflame		
		<b>CT1030Z</b>	PA66	V0	140	750°C noflame		
	3	<b>CT1034</b>	PA66	V2	130	---		4.000
		<b>CT1034V0</b>	PA66	V0	140	---		
		<b>CT1034H</b>	PA6	V2	130	750°C noflame		
		<b>CT1034Z</b>	PA66	V0	140	750°C noflame		
	4	<b>CT1040</b>	PA66	V2	130	---		2.500
		<b>CT1040V0</b>	PA66	V0	140	---		
		<b>CT1040H</b>	PA6	V2	130	750°C noflame		
		<b>CT1040Z</b>	PA66	V0	140	750°C noflame		
	6	<b>CT1060</b>	PA66	V2	130	---		2.000
		<b>CT1060V0</b>	PA66	V0	140	---		
		<b>CT1060H</b>	PA6	V2	130	750°C noflame		
		<b>CT1060Z</b>	PA66	V0	140	750°C noflame		
	6 Ganci da pannello Panel mounts	<b>CT1062</b>	PA66	V2	130	---		1.000
		<b>CT1062V0</b>	PA66	V0	140	---		
		<b>CT1062H</b>	PA6	V2	130	750°C noflame		
		<b>CT1062Z</b>	PA66	V0	140	750°C noflame		
	8	<b>CT1080</b>	PA66	V2	130	---		1.000
		<b>CT1080V0</b>	PA66	V0	140	---		
		<b>CT1080H</b>	PA6	V2	130	750°C noflame		
		<b>CT1080Z</b>	PA66	V0	140	750°C noflame		
	11	<b>CT1110</b>	PA66	V2	130	---		1.000
		<b>CT1110V0</b>	PA66	V0	140	---		
		<b>CT1110H</b>	PA6	V2	130	750°C noflame		
		<b>CT1110Z</b>	PA66	V0	140	750°C noflame		

**CONNETTORE MASCHIO / Male connection**



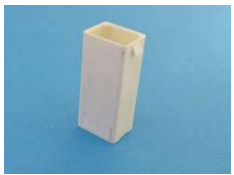

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm <sup>2</sup>	AWG				
	30,0mm	<b>FM638131</b>	0,25-0,50	23-20	Ottone-Brass	---	---	3 x 5.000
	30,0mm	<b>FM638132</b>	0,25-0,50	23-20	Ottone-Brass	Stagnato /Tin plated	---	3 x 5.000
	30,0mm	<b>FM638231</b>	0,50-1,00	20-17	Ottone-Brass	---	---	3 x 4.000
	30,0mm	<b>FM638232</b>	0,50-1,00	20-17	Ottone-Brass	Stagnato /Tin plated	---	3 x 4.000
	30,0mm	<b>FM638331</b>	0,50-1,00	20-17	Ottone-Brass	---		3 x 4.000
	30,0mm	<b>FM638332</b>	0,50-1,00	20-17	Ottone-Brass	Stagnato /Tin plated		3 x 4.000
	30,0mm	<b>FM638431</b>	0,75-2,50	18-13	Ottone-Brass	---		3 x 3.500
	30,0mm	<b>FM638432</b>	0,75-2,50	18-13	Ottone-Brass	Stagnato /Tin plated		3 x 3.500
	30,0mm	<b>FM638531</b>	0,75-2,50	18-13	Ottone-Brass	---	---	3 x 3.500
	30,0mm	<b>FM638532</b>	0,75-2,50	18-13	Ottone-Brass	Stagnato /Tin plated	---	3 x 3.500
<b>Terminale con foro / terminal with hole</b>								
	30,0mm	<b>FMF638131</b>	0,25-0,50	23-20	Ottone-Brass	---	---	3 x 5.000
	30,0mm	<b>FMF638132</b>	0,25-0,50	23-20	Ottone-Brass	Stagnato /Tin plated	---	3 x 5.000
	30,0mm	<b>FMF638331</b>	0,75-2,50	18-13	Ottone-Brass	---		3 x 4.000
	30,0mm	<b>FMF638332</b>	0,50-1,00	20-17	Ottone-Brass	Stagnato /Tin plated		3 x 4.000
	30,0mm	<b>FMF638431</b>	0,50-1,00	20-17	Ottone-Brass	---		3 x 3.500
	30,0mm	<b>FMF638432</b>	0,75-2,50	18-13	Ottone-Brass	Stagnato /Tin plated		3 x 3.500
	30,0mm	<b>FMF638631</b>	3,00-6,00	13-10	Ottone-Brass	---		3 x 3.500
	30,0mm	<b>FMF638632</b>	3,00-6,00	13-10	Ottone-Brass	Stagnato /Tin plated		3 x 3.500



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

DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	8 Ganci da pannello Panel mounts	<b>CT1081</b>	PA66	V2	130	---		1.000
		<b>CT1081V0</b>	PA66	V0	140	---		
		<b>CT1081H</b>	PA6	V2	130	750°C noflame		
		<b>CT1081Z</b>	PA66	V0	140	750°C noflame		
	8	<b>CT1083</b>	PA66	V2	130	---		1.000
		<b>CT1083V0</b>	PA66	V0	140	---		
		<b>CT1083H</b>	PA6	V2	130	750°C noflame		
		<b>CT1083Z</b>	PA66	V0	140	750°C noflame		
	11	<b>CT1111</b>	PA66	V2	130	---		1.000
		<b>CT1111V0</b>	PA66	V0	140	---		
		<b>CT1111H</b>	PA6	V2	130	750°C noflame		
		<b>CT1111Z</b>	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	<b>CT1028</b>	PA66	V2	130	---		5.000
		<b>CT1028V0</b>	PA66	V0	140	---		
		<b>CT1028H</b>	PA6	V2	130	750°C noflame		
		<b>CT1028Z</b>	PA66	V0	140	750°C noflame		
	2	<b>CT1029</b>	PA66	V2	130	---		5.000
		<b>CT1029V0</b>	PA66	V0	140	---		
		<b>CT1029H</b>	PA6	V2	130	750°C noflame		
		<b>CT1029Z</b>	PA66	V0	140	750°C noflame		

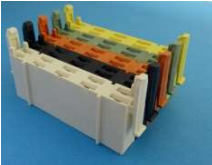







NOTA / NOTE : i seguenti particolari hanno cambiato codice / codes of following parts have changed

**CT1028** = BS6002

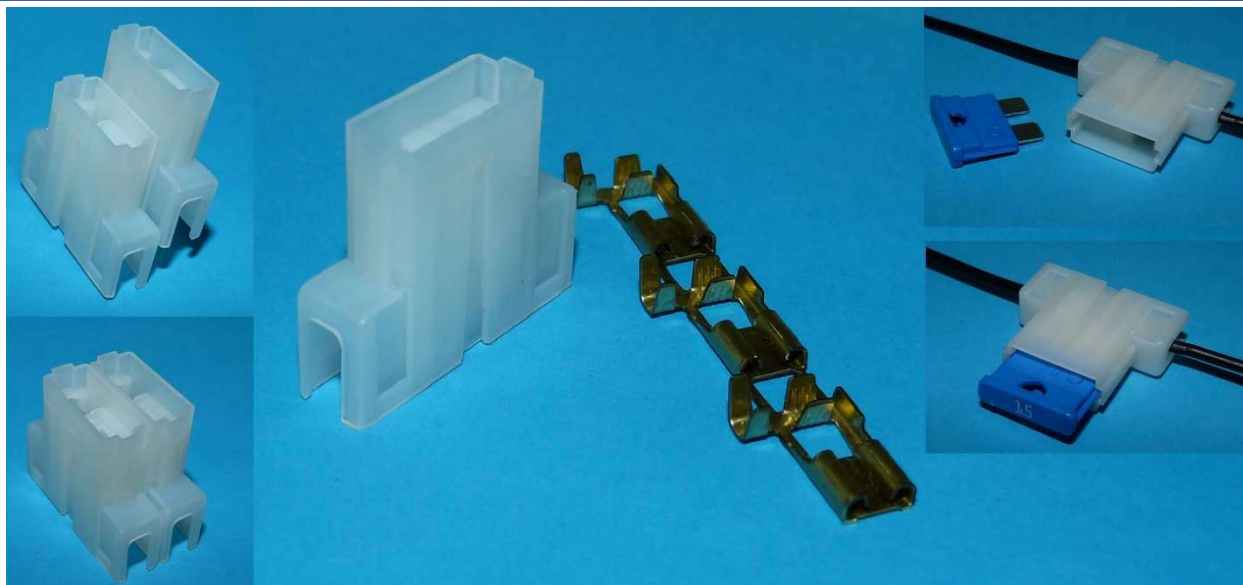
**CT1029** = BS6102



## 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	<b>CT5010T</b>	PA66	V2	130	---		1.250
		<b>CT5010TH</b>	PA6	V2	130	750°C noflame		
		<b>CT5010TZ</b>	PA66	V0	140	750°C noflame		
	1x5	<b>CT5005T</b>	PA66	V2	130	---		1.250
		<b>CT5005TH</b>	PA6	V2	130	750°C noflame		
		<b>CT5005T</b>	PA66	V0	140	750°C noflame		
	1x12	<b>CT5012</b>	PA66	V2	130	---		1.500
		<b>CT5012H</b>	PA6	V2	130	750°C noflame		
		<b>CT5012Z</b>	PA66	V0	140	750°C noflame		
	2x5	<b>C5C010</b>	PA66	V2	130	---		1.250
		<b>C5C010H</b>	PA6	V2	130	750°C noflame		
		<b>C5C010Z</b>	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	---	---
PF5301V0-1			PA6	V0	130	---	