



Current	DIN 43650 Connection - IP65 Integrated weather and humidity proof coil and housing. Plug-in connection with strain-relief or thread for 1/2"NPT conduit.			NEMA 4x. Integrated weather, water and saline corrosion proof coil and housing.		IEC 79-18 m. Integrated explosion, weather and saline corrosion proof coil and housing. (Prefix ZC)	
	Size G	Size M		Size M		Size M	
	Shape B	Shape A		1/2"NPT Connection		1/2"NPT Connection	
Hz	Class F 155°C	Class F 155°C	Class H 180°C	Class F 155°C	Class H 180°C	Class F 155°C	Class H 180°C
D/C	GF06C	MF19C	MH19C	MF19Y	MH19Y	MF19Z	MH19Z
A/C 50 Hz	GF06C	MF11C	MH11C	MF11Y	MH11Y	MF11Z	MH11Z
		MF16C	MH16C	MF16Y	MH16Y	MF16Z	MH16Z
		MF20C	MH20C	MF20Y	MH20Y	MF20Z	MH20Z
A/C 60 Hz	GF06C	MF13C	MH13C	MF13Y	MH13Y	MF13Z	MH13Z
		MF16C	MH16C	MF16Y	MH16Y	MF16Z	MH16Z
		MF20C	MH20C	MF20Y	MH20Y	MF20Z	MH20Z

\* Shape B stands for Shape B DIN 43650 Connections - \* Shape A stands for Shape A DIN 43650 Connections.

### Available tensions

Volts	12	24	48	110	120	220	240
D / C	Yes	Yes	Yes	Yes	No	Yes	No
50 Hz	Yes	Yes	Yes	Yes	No	Yes	Yes
60 Hz	Yes						

### DIN Connector types

Strain-relief Pg9			Strain-relief Pg11			1/2"NPT Connection		
Common	Luminous gasket	Luminous connector	Common	Luminous gasket	Luminous connector	Common	Luminous gasket	Luminous connector
1	4	7	2	5	8	3	6	9

### Catalog Number Information

M	F	11	Y	220	50	1
(1)	(2)	(3)	(4)	(5)	(6)	(7)

Thermal Class:

Class F up to 155°C

Class H up to 180°C

(1, 2, 3, and 4) See the available encapsulated coils chart.  
 1 - Size; 2 - Thermal Class; 3 - Power in Watts; 4 - Coil Type:  
 - C DIN Connection  
 - Y threaded connection with 3 output leads (one for ground).  
 - ZC explosion proof, threaded connection with 3 output leads (one for ground).  
 (5 and 6) See Available tension  
 5 - Tension; 6 - Type of current  
 (7) Type of connectors (only for DIN connection. See chart).

Coated with glass fibre and insulating impregnation.  
Terminal cables for splicing.

Current	Size C	Size M		Size S		Size B
	Class F 155°C	Class F 155°C	Class H 180°C	Class F 155°C	Class H 180°C	Class H 180°C
D/C	C08F		M19H		S48H S60H (1)	B113H (1)
A/C 50 Hz	C08F	M11F M16F	M11H M16H	S28F	S28H S46H S46P (3) S60H (2)	B113H (2)
A/C 60 Hz	C08F	M13F M16F	M13H M16H		S30H S46H S46P S60H (2)	B113H (2)

(1) Without rectifier bridge. (2) With rectifier bridge, only 110, 120, 220 and 240 V available. (3) Class H + polyester coating.

### Available Tensions - Size C, M and S.

Volts	12	24	48	110	120	220	240	380	440
D / C	Yes	Yes	Yes	Yes	No	Yes	No	No	No
50 Hz	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No
60 Hz	Yes	No	Yes						

### Catalog number information

<b>S</b>   <b>20</b>   <b>H</b>   <b>220</b>   <b>50</b>
(1)   (2)   (3)   (4)   (5)

Thermal Class:

Class F up to 155°C  
Class H up to 180°C

(1, 2 and 3) See fibre coated coils chart.  
1 - Coil size; 2 - Power in Watts; 3 - Thermal class.  
P = class H + polyester coating.  
(4 and 5) See available tensions chart.  
4 - Tension.  
5 - Current.

### Non capsulated coil housings.



Classification	Coil size				
	C	M	S	S (for 1388)	B
<b>General internal use (Prefix C)</b>	Chromium plated	Plate hole for 19 mm electric connection. Ground terminal	Iron 3/4" NF Connector	Iron 1/2" BSP or NPT Connector	Iron 1/2" BSP or NPT Connector
<b>Weather and water proof. NEMA 4x. and IP65 (Prefix Y)</b>	--	Aluminium epoxy paint 1/2" BSP or NPT electric connection	Iron epoxy paint 1/2" BSP or NPT electric connection	Iron epoxy paint 1/2" BSP or NPT electric connection	Iron epoxy paint 1/2" BSP or NPT electric connection
<b>Explosion and weather proof according to IEC 79-1 "d" (Prefix Z)</b>	--	Aluminium epoxy paint 1/2" BSP or NPT electric connection	Iron epoxy paint 1/2" BSP or NPT electric connection	--	--