



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 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	Yes	Yes	Yes	Yes	Yes	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	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes

Catalog number information

S | 20 | H | 220 | 50
(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
General internal use (Prefix C)	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
Weather and water proof. NEMA 4x. and IP65 (Prefix Y)	--	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
Explosion and weather proof according to IEC 79-1 "d" (Prefix Z)	--	Aluminium epoxy paint 1/2" BSP or NPT electric connection	Iron epoxy paint 1/2" BSP or NPT electric connection	--	--