



Current transformers

with built-in transducer





Model	TT35	TT35A
Codes	TT1A...	TT1B...
Ordering codes see page:	04	04
Passing cable hole dimensions	35mm	35mm
A.C. selectable rated current	5-10-15-20-25-30-35-40-45A 15-30-45-60-75-90-105-120-135A 25-50-75-100-125-150-175-200-225A 50-100-150-200-250-300-350-400-450A	5-10-15-20-25-30-35-40-45A 15-30-45-60-75-90-105-120-135A 25-50-75-100-125-150-175-200-225A 50-100-150-200-250-300-350-400-450A
Output	4...20mA (2 wire technology)	0...20mA - 4...20mA - 0...10V (4 wire technology)
A.C. auxiliary supply		115 - 230 - 240V
D.C. auxiliary supply	10...34V	
Technical note	NT433	NT434
Price		

ACCESSORY		
code	description	
ATADIN01	fixing on Rail Din	



Model	HT35A	HT80A
Codes	HT1BC...	HT2BC...
Ordering codes see page:	05	05
Passing cable hole dimensions	35mm	80mm
(Unidirectional) D.C. rated current	100 - 150 - 200 - 250 - 300 - 400A	400 - 500 - 600 - 800 - 1000A
Output	0...20mA - 4...20mA selectable 0...10V	0...20mA - 4...20mA selectable 0...10V
A.C. auxiliary supply	48 - 115 - 230 - 240V	48 - 115 - 230 - 240V
D.C. auxiliary supply	20...150V	20...150V
Technical note	NT500	NT501
Price		
Extra price d.c. auxiliary supply	.	.

ACCESSORY	
code	description
ATADIN01	fixing on Rail Din



Model	HT35Bm	HT35Bs
Codes	HT1BM...	HT1BS...
Ordering codes see page:	05	05
Passing cable hole dimensions	35mm	35mm
(Unidirectional) D.C. selectable rated current	10/20/30/40/50/60/70/80/90/100A	10/20/30/40/50/60/70/80/90/100A
Output	0...20mA - 4...20mA	0...20mA - 4...20mA
Auxiliary supply	80...270Va.c. / 110...300Vd.c. 20...60Vd.c. / 24Va.c.	15V taken from HT35Bm*
Technical note	NT763	NT763
Price		

ACCESSORY	
code	description
ATADIN01	fixing on Rail Din

* With every HT35Bm is possible to connect up to 3 HT35Bs

TT35

Current transformer with a.c. (2 wire technology) built-in transducer

Ø 35mm

Ordering code	Input	Output	Auxiliary supply	Stock
TT1AA502A	5(45)A	4...20mA	10...34Vd.c.	•
TT1AB152A	15(135)A	4...20mA	10...34Vd.c.	•
TT1AB252A	25(225)A	4...20mA	10...34Vd.c.	•
TT1AB502A	50(450)A	4...20mA	10...34Vd.c.	•

TT35A

Current transformer with a.c. (4 wire technology) built-in transducer

Ø 35mm

Ordering code	Input	Output	Auxiliary supply	Stock
TT1BA5012	5(45)A	0...20mA	115Va.c.	
TT1BA5013	5(45)A	0...20mA	230Va.c.	
TT1BA5014	5(45)A	0...20mA	240Va.c.	
TT1BA5022	5(45)A	4...20mA	115Va.c.	
TT1BA5023	5(45)A	4...20mA	230Va.c.	•
TT1BA5024	5(45)A	4...20mA	240Va.c.	
TT1BA5032	5(45)A	0...10V	115Va.c.	
TT1BA5033	5(45)A	0...10V	230Va.c.	
TT1BA5034	5(45)A	0...10V	240Va.c.	
TT1BB2512	25(225)A	0...20mA	115Va.c.	
TT1BB2513	25(225)A	0...20mA	230Va.c.	
TT1BB2514	25(225)A	0...20mA	240Va.c.	
TT1BB2522	25(225)A	4...20mA	115Va.c.	•
TT1BB2523	25(225)A	4...20mA	230Va.c.	•
TT1BB2524	25(225)A	4...20mA	240Va.c.	
TT1BB2532	25(225)A	0...10V	115Va.c.	
TT1BB2533	25(225)A	0...10V	230Va.c.	•
TT1BB2534	25(225)A	0...10V	240Va.c.	



Other executions

TT1B	current
B15	←	15(135)A
B50	←	50(450)A

HT35A**Current transformer with d.c. Hall effect built-in transducer**

Ø 35mm

Ordering code	Input	Output	Auxiliary supply	Stock
HT 1 B C 1 0 3 2	100A	0...10V	115Va.c.	
HT 1 B C 1 0 3 3	100A	0...10V	230Va.c.	
HT 1 B C 1 0 3 4	100A	0...10V	240Va.c.	
HT 1 B C 1 0 3 T	100A	0...10V	20...150Vd.c. + 48Va.c.	
HT 1 B C 1 0 4 2	100A	0...20 + 4...20mA	115Va.c.	
HT 1 B C 1 0 4 3	100A	0...20 + 4...20mA	230Va.c.	
HT 1 B C 1 0 4 4	100A	0...20 + 4...20mA	240Va.c.	
HT 1 B C 1 0 4 T	100A	0...20 + 4...20mA	20...150Vd.c. + 48Va.c.	

**Other executions**

HT 1 B C	current
1 5	←	150A
2 0	←	200A
2 5	←	250A
3 0	←	300A
4 0	←	400A

HT80A**Current transformer with d.c. Hall effect built-in transducer**

Ø 80mm

Ordering code	Input	Output	Auxiliary supply	Stock
HT 2 B C 4 0 3 2	400A	0...10V	115Va.c.	
HT 2 B C 4 0 3 3	400A	0...10V	230Va.c.	
HT 2 B C 4 0 3 4	400A	0...10V	240Va.c.	
HT 2 B C 4 0 3 T	400A	0...10V	20...150Vd.c. + 48Va.c.	
HT 2 B C 4 0 4 2	400A	0...20 + 4...20mA	115Va.c.	
HT 2 B C 4 0 4 3	400A	0...20 + 4...20mA	230Va.c.	
HT 2 B C 4 0 4 4	400A	0...20 + 4...20mA	240Va.c.	
HT 2 B C 4 0 4 T	400A	0...20 + 4...20mA	20...150Vd.c. + 48Va.c.	

**Other executions**

HT 2 B	current
C 5 0	←	500A
C 6 0	←	600A
C 8 0	←	800A
D 1 0	←	1000A

HT35Bm**Current transformer with d.c. Hall effect built-in transducer**

Ø 35mm

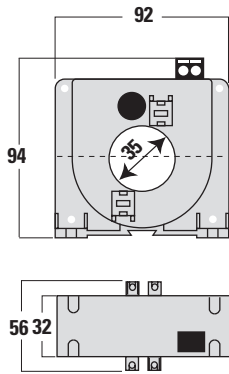
Ordering code	Input	Output	Auxiliary supply	Stock
HT 1 B M 1 0 1 7	10(100)A	0...20mA	80...270Va.c. / 110...300Vd.c.	
HT 1 B M 1 0 2 7	10(100)A	4...20mA	80...270Va.c. / 110...300Vd.c.	•
HT 1 B M 1 0 1 C	10(100)A	0...20mA	20...60Vd.c. / 24Va.c.	
HT 1 B M 1 0 2 C	10(100)A	4...20mA	20...60Vd.c. / 24Va.c.	•

HT35Bs**Current transformer with d.c. Hall effect built-in transducer**

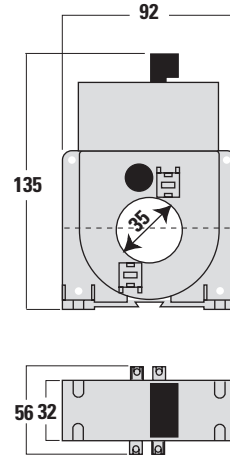
Ø 35mm

Ordering code	Input	Output	Auxiliary supply	Stock
HT 1 B S 1 0 1 A	10(100)A	0...20mA	15Vd.c. coming from HT35Bm	
HT 1 B S 1 0 2 A	10(100)A	4...20mA	15Vd.c. coming from HT35Bm	•

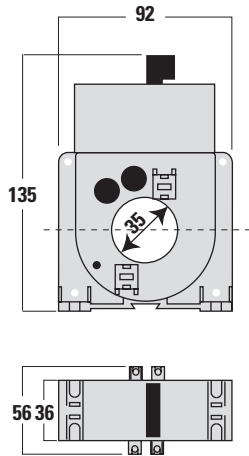
TT35 / HT35Bs



TT35A



HT35A / HT35Bm



HT80A

