SICURCONTROL s.n.c.
di BESANA L. & C.
PROVE DI SICUREZZA e E.M.C. e GESTIONE APPROVAZIONI
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RELAZIONE No. **98/537** - composta da n. 1 pagina

DATA DI EMISSIONE	29 ottobre 1998
TIPO DI PROVE	Verifica grado IP 65
ESEGUITE PRESSO	il laboratorio SICUR CONTROL
PROVE RICHIESTE DA	ABB TURATI S.p.A. Via Italia 38/42 22040 GARBAGNATE MONASTERO LC
NORME APPLICATE	EN 60529
TIPO DI APPARECCHIO	QUADRO ELETTRICO
MARCA e MODELLO/TIPO	ABB TURATI Mod. ARTU K Quadro in kit (1800x800x800mm)
ESITO DELLE PROVE	POSITIVO
ALLEGATO	Rapporto n. 98/537 in italiano ed in inglese

Provato da:
Gilberto Castelli
Gilberto Castelli

Controllato da:
Lorenzo Besana
Besana

Safety LAB div.
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TEST REPORT N. **98/537**

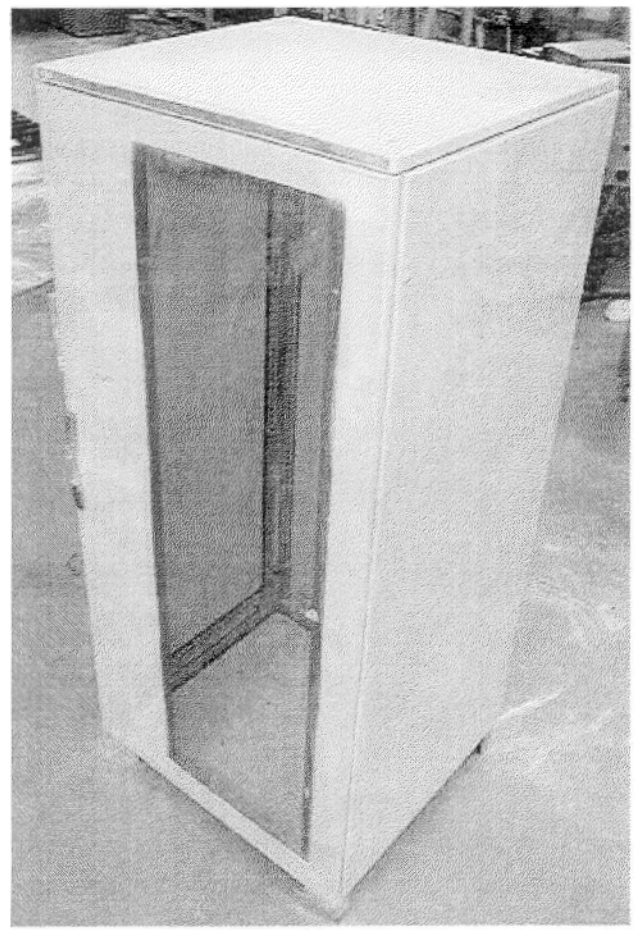
	Issued	on 28-10-98
	Sample received	on 23-09-98
Tested by :	G. Costelli	on 28-10-98
Checked by :	D. Rivoltella	on 24-10-98
Title :	Test responsible	
Approved by :	L. Besana	on 28-10-98
Title :	Laboratory responsible	

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THE TEST RESULTS PRESENTED IN THIS REPORT RELATE ONLY TO THE ITEM TESTED
sample not selected by SICUR CONTROL

Applicant:	ABB TURATI S.p.A.		
Test of:	Degree of protection provided by enclosures (IP code)	Standard:	EN 60529 (1991)
Product:	Electrical box	Trade Mark:	ABB
Type/Mod:	ARTU K ARMADIO IN KIT	Manufacturer:	ABB TURATI S.p.A.
Serial Number:	---	Date of production:	1998

Rated Marking: 1800 x 800 x 800 mm



§ 13 Test for protection against solid foreign objects indicated by the first characteristic numeral

First characteristic numeral	Test means	Test Force	Test Condition see §	Result
0	No test required	—	—	
1	Rigid sphere without handle or guard 50 + 0,05 - 0 mm diameter	50N ± 10%	13.2 of the Standard	
2	Rigid sphere without handle or guard 12,5 + 0,02 - 0 mm diameter	30N ± 10%	13.2 of the Standard	
3	Rigid steel rod 2,5 + 0,05 - 0 mm diameter with edges free from burrs	3N ± 10%	13.2 of the Standard	
4	Rigid steel rod 1 + 0,05 - 0 mm diameter with edges free from burrs	1N ± 10%	13.2 of the Standard	
5	Dust chamber with or without under pressure	—	13.4 and 13.5 of the Standard	
6	Dust chamber with underpressure	---	13.4 and 13.6 of the Standard	OK

§ 14 Test for protection against water indicated by the second characteristic numeral

Second characteristic numeral	Test means	Water flow rate	Duration of test	Test Condition see §	Result
0	No test required	—	—	—	
1	Drip box Enclosure on turn table	1 + 0,5 - 0 mm/min	10 min	14.2.1	
2	Drip box Enclosure in 4 fixed positions of 15° tilt	3 + 0,5 - 0 mm/min	2,5 min for each position of tilt	14.2.2	
3	Oscillating tube Spray ± 60° from vertical distance max.200 mm	0,07 l/min ± 5% per hole, multiplied by number of holes 10 l/min ± 5%	10 min	14.2.3 a)	
	or Spry nozzle Spray ± 60° from vertical		1 min/m^2 at least 5 min	14.2.3 b)	
4	Oscillating tube Spray ± 180° from vertical distance max.200 mm	0,07 l/min ± 5% per hole, multiplied by number of holes 10 l/min ± 5%	10 min	14.2.4	
	or Spry nozzle Spray ± 180° from vertical		1 min/m^2 at least 5 min		
5	Water jet hose nozzle 6,3 mm diameter, distance 2,5 m to 3 m	12,5 l/min ± 5%	1 min/m^2 at least 3 min	14.2.5	OK
6	Water jet hose nozzle 12,5 mm diameter, distance 2,5 m to 3 m	100 l/min ± 5%	1 min/m^2 at least 3 min	14.2.6	
7	Immersion tank Water-level on enclosure: 0,15 m above top 1 m above bottom	—	30 min	14.2.7	
8	Immersion tank Water-level by agreement	—	by agreement	14.2.8	