



PRODUCT APPROVAL CERTIFICATE

This is to certify that

Tyco Electronics UK Limited
of
Merrion Avenue, Stanmore, Middlesex

is authorised to use the BEAB APPROVAL MARK and the ENEC MARK of CONFORMITY set out below, on the following goods

Product	Relay
Brand Name	Schrack
Model or Type No.	RT Series As specified in report 03012065 and any BEAB modification notifications thereto.
Principal Characteristics	250V ac, 16(3)A, See page 2
Approval Standard	EN60 730-1: 2000 + A11, A12 & IEC60730-1: 3rd Edition + A1

This Certificate is issued in accordance with the Certification Regulations governing its use and in reliance on the undertaking given by the Licensee and only extends to the use in respect of the goods produced to conform with the Approval Standard. Compliance with requirements of this Standard carries a presumption of conformity with the essential safety requirements of the Low Voltage Directive 73/23/EEC. This Certificate is not transferable and remains the property of ASTA BEAB Certification Services.

This approval will be reviewed at the review date, or earlier if preceded by the withdrawal of the Standard on which the Approval of the product was based. Limitations:	Certificate No.	C1129N
	Issue No.	1
	Page	1 of 3
	BEAB Reference No.	CAR 0069
	Issue Date	4 May 2005
	Review Date	29 April 2010



J. P. Baton
Authorising Engineer

M. J. Lawson
Authorising Director



The logo consists of the letters 'BEAB' in a bold, white, sans-serif font, centered within a dark blue rounded rectangular background.

Approval Certificate

Continuation

Cert No: C1129N

Page : 2 of 3

BEAB Reference No: CAR 0069

Issue Number : 1

Unique Type Reference System

See page 3

Voltage	250V ac (contacts), 3V-110V dc / 24V-230Vac (coil)
Current	16(3)A, 12(2)A, 8(1)A - 70°C / 9A or 6A - 85°C
Construction	Incorporated control for Class I / Class II and Class III
Automatic Action Type	Type 1
Tmax	85°C / 70°C
Tmin	0°C
Dirt Protection	PD2
Moisture Protection	IP00
Contact Separation	Micro Disconnection
Heat, Fire and Tracking	160°C ball pressure / 850°C glow wire / 175V PTI-Crastin CE7931 black and blue (Actuator) Vestodur GF12FR3 orange (Cover) Ryanite FR530L (Acuator and Bobbin), Vectra A150 (Actuator and Bobbin) all other plastics materials - 250V PTI
Automatic Cycles	100K N/O 10K C/O
Manual Cycles	N/A
Factory	Tyco Electronics Austria GmbH, Werk Waidhofen, Schrackstrasse 1, A-3830 Waidenhof, Thaya, Austria



RT		design	contact config.	contact material	coil	
series						
1	- 1 pole 12(2)A 3.5mm					003 - 3 Vdc
2	- 1 pole 12(2)A 5 mm					005 - 5 Vdc
3	- 1 pole 16(3)A					006 - 6 Vdc
4	- 2 pole 8(1)A					009 - 9Vdc
B	- 1 pole 12(2)A 3.5mm sealed					012 -12 Vdc
C	- 1 pole 12(2)A 5 mm sealed					015 - 15 Vdc
D	- 1 pole 16(3)A sealed					018 - 18Vdc
E	- 2 pole 8(1)A sealed					020 - 20Vdc
1	- 1 Changeover					024 -24 Vdc
3	- 1 Normally open					034 - 34 Vdc
2	- 2 Changeover	036 - 36 vdc				
4	- 2 Normally open	048 - 48 Vdc				
		052 - 52 Vdc				
		060 - 60 Vdc				
4	- AgNi 90/10	110 - 110Vdc				
5	- AgNi 90/10 + Au plate	524 - 24 Vac				
		615 - 115 Vac				
		730 - 230 Vac				

Contact ratings at 250Vac with inductive rating in (), relays vented.

c/o relays - 10,000 operations
 n/o relays - 100,000 operations

2. 85 deg C approval

RT		design	contact config.	contact material	coil	
series						
B	- 1 pole 9A 3.5mm sealed					003 - 3 Vdc
E	- 2 pole 6A sealed					005 - 5 Vdc
						006 - 6 Vdc
						009 - 9Vdc
1	- 1 Changeover					012 -12 Vdc
3	- 1 Normally open					015 - 15 Vdc
2	- 2 Changeover					018 - 18Vdc
						020 - 20Vdc
						024 -24 Vdc
						034 - 34 Vdc
		036 - 36 vdc				
		048 - 48 Vdc				
		052 - 52 Vdc				
		060 - 60 Vdc				
4	- AgNi 90/10	110 - 110Vdc				

Contact ratings at 250Vac, relays vented.

c/o relays - 30,000 operations
 n/o relays - 30,000 operations