



Watlow
 1241 Bundy Boulevard, P.O. Box 5580
 Winona, Minnesota 55987-5580 USA
 Phone: 507/454-5300
 Fax: 507/452-4507
 Internet: <http://www.watlow.com>

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Drawn By: L. Glentz

Watlow Controls Product Information

This list includes all Watlow, Winona Location catalog products that are UL Recognized or Listed, CSA Certified, FM Approved, VDE Certified, NSF Certified, CE Approved or other agency approvals. For other part numbers, specials, or modifications, consult factory.

All approvals are contingent on products being installed in proper enclosures and in compliance with local and national electrical codes.

UL, CSA, VDE, NSF, FM and ODVA have searchable databases online. Please see the web pages for these agencies for the most current listing of Watlow Products.






UL <http://www.ul.com/>
VDE http://www.vde.com/vde_en/
FM <http://www.fmglobal.com/>








CSA <http://www.csa-international.org>
NSF <http://www.nsf.org/>
ODVA <http://www.odva.org/>





AGENCY STANDARDS used at Watlow's Winona MN Location:



UL50 - Type 4X Watertight and Corrosion Resistant Indoor. Equivalent to NEMA 4X
 UL197 - Commercial Cooking Appliances
 UL508 - Industrial Control Equipment
 UL873 - Temperature Indicating and Regulating Equipment
 UL916 - Energy Management Equipment
 UL917 - Clock Operated Switches
 UL 991 - Test for Safety Related Controls Employing Solid State Devices
 ANSI/ISA 12.12.01 – Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
 UL 61010-1 – Process Control Equipment
 CSA Standard C22.2 NO. 14 - Industrial Control Equipment- Miscellaneous Apparatus
 CSA Standard C22.2 NO. 24 - Temperature Indicating and Regulating Equipment
 ANSI Z21.23 - Gas Appliance Thermostats
 FM Standard 3545 - Temperature Limit Switches
 NSF Standard 2 – Cooking equipment – Calibration Accuracy
 CE (*Conformite Europeenne*) European Conformity

UL CCN	Description
(XXXX)	Listed Product
(XXXX2)	Recognized Component.
(XXXX7)	Listed Product approved for use in Canada.
(XXXX8)	Recognized Component approved for use in Canada.
CCN	Title of Category
(NKCR)	Auxiliary Devices
(NLDX)	Magnetic
(NMFT)	Motor Controllers, Miscellaneous
(NRAQ)	Programmable Controllers
(NRNT)	Switches, Industrial Control
(QUZW)	Process Control Equipment for use in Hazardous Locations
(QUXY)	Process Control Equipment
(QUYX)	Process Control Equipment, Electrical
(WGZR)	Switches, Clock-operated
(XAPX)	Temperature-Indicating and Regulating Equipment
(XATJ)	Temperature-Indicating and Regulating Equipment

Symbol #	Symbol	Requirements for Symbol Use	Agency Files Using This Symbol
1 UL approved 7-9-08		<ul style="list-style-type: none"> Only used on Models manufactured conforming with Approved Components and Agency Files shown on right. If the overall diameter of the UL Mark is less than 3/8 of an inch, the ® symbol may be omitted if it is not legible to the naked eye i.e. < 3/64". 	Underwriters Laboratories Inc. Control # 948Y E73741 Vol 2 Sec 4 Dinamite C Standard E73741 Vol 2 Sec 5 Dinamite A E73741 Vol 2 Sec 6 Dinamite B E73741 Vol 2 Sec 7 Dinamite D E73741 Vol 3 Sec 2 Power Series E73741 Vol 3 Sec 1 Qpac
2	Obsolete, used on Q-pac prior to 10/24/07 Use symbol #1 instead.		
3 UL approved 7-11-08		<ul style="list-style-type: none"> Only used on Models manufactured conforming with Approved Components and Agency Files shown on right. If the overall diameter of the UL Mark is less than 3/8 of an inch, the ® symbol may be omitted if it is not legible to the naked eye i.e. < 3/64". 	Underwriters Laboratories Inc. Control # 2S81 E184390 Vol 1 Sec 1 Dinamite C Throughwall E184390 Vol 1 Sec 2 EZ-Zone PM E184390 Vol 1 Sec 3 EZ-Zone RM
4 UL approved 7-10-08		<ul style="list-style-type: none"> Only used on Models manufactured conforming with Approved Components and Agency Files shown on right. If the overall diameter of the UL Mark is less than 3/8 of an inch, the ® symbol may be omitted if it is not legible to the naked eye i.e. < 3/64". 	Underwriters Laboratories Inc. Control # 93RL E185611 Vol 2 Sec 1 Series F4 E185611 Vol 2 Sec 2 Series 96 E185611 Vol 2 Sec 3 Series SD E185611 Vol 2 Sec 5 CLS, D8, E185611 Vol 2 Sec 5 TLM-8 E185611 Vol 2 Sec 6 EZ-Zone PM E185611 Vol 2 Sec 7 MLS, TB50 E185611 Vol 2 Sec 8 DAC, SDAC E185611-A1-UL-1 EZ-Zone RM
5 UL approved 7-10-08		<ul style="list-style-type: none"> Only used on Models manufactured conforming with Approved Components and Agency Files shown on right. If the overall diameter of the UL Mark is less than 3/8 of an inch, the ® symbol may be omitted if it is not legible to the naked eye i.e. < 3/64". 	Underwriters Laboratories Inc. Control # 88CM E102269 Vol 2 Sec 2 Series 93 E102269 Vol 2 Sec 3 Series PD E102269 Vol 2 Sec 4 Series EZ-Zone ST E102269 Vol 2 Sec 5 Series EZ-Zone RU
6	Obsolete, used on E102269 Vol 2 Sec 3 Series PD prior to 10-24-05		
7 UL label depart- ment does not control this mark		<ul style="list-style-type: none"> Only used on Models manufactured conforming with Approved Components and Agency Files shown on right. If the overall height of the UL Mark is less than 3/8 of an inch, the ® symbol may be omitted if it is not legible to the naked eye i.e. < 3/64". 	Underwriters Laboratories Inc. E43684 Vol 1 Sec 33 Series 733/734 E43684 Vol 2 Sec 28 A007-1732 E151484 – SSR's E73741 – SSR's E73741 – CZR's

Symbol #	Symbol	Requirements for Symbol Use	Agency Files Using This Symbol
8 UL label department does not control this mark		<ul style="list-style-type: none"> Only used on Models manufactured conforming with Approved Components and Agency Files shown on right. If the overall height of the UL Mark is less than 3/8 of an inch, the ® symbol may be omitted if it is not legible to the naked eye i.e. < 3/64". 	Underwriters Laboratories Inc. E43684 Vol 1 Sec 35 Series 988 E43684 Vol 1 Sec 43 Series N7 E43684 Vol 1 Sec 44 Series C , L , TM E43684 Vol 1 Sec 45 Smartheat E43684 Vol 2 Sec 29 MiniChef E43684 Vol 1 Sec 48 HAL E185611 Vol 3 Sec 1 D8 E102269 Vol 1 Sec 5 EZ-Zone ST Components. E43684 Vol 1 Sec 46 N3 - Garland E43684 Vol 1 Sec 47 Motor Control E73741 Vol 4 Sec 1 E-Safe II
9	Obsolete CSAus 158031 Series 142 5-12-05 OBS Log# 163		
10	Small  Medium  Large 	<ul style="list-style-type: none"> Only used on Models manufactured conforming with Approved Components and Agency Files shown on right. Symbol Changes by size on product to properly scale ® symbol to the CSA mark. <ul style="list-style-type: none"> Small = 0.125 to 0.25 inches Medium = 0.25 to 0.625 inches Large = 0.625 or larger 	Canadian Standards Association (CSA) 30586 Series 733/734 158031 Series SD 700195 – SSR's 700195 – CZR's 158031 Series L 158031 Series C, TM 30586 Series PD 30586 Series N7 158031 Series EZ-Zone ST 158031 Series EZ-Zone RU 158031 Series EZ-Zone PM
11	 	<ul style="list-style-type: none"> Only used on Models manufactured conforming with Agency Files shown on right. Manufacturers name needs to be on product, Watlow logo alone is not sufficient. 	National Sanitation Foundation (NSF) 49660-0001-000 Series F2 (MiniChef) 49660-0002-000 Series SD 49660-0003-000 Series N7
12	 REG-Nr. 10143	<ul style="list-style-type: none"> Only used on Models manufactured conforming with Agency Files shown on right. 	VDE File Solid State Relays

Symbol #	Symbol	Requirements for Symbol Use	Agency Files Using This Symbol
13		<ul style="list-style-type: none"> Only used on Models manufactured conforming with Agency Files shown on right. Minimum size to appear on label is 5 mm height. 	European Certification (CE) Series 733 , 988 , N7 , C , L , TM , Smartheat , F2 (MiniChef) , F4 , 96 , 97 , SD , 93 , 94 , PD , Gateways , SSR's , CZR's , Din A , Din B , Din C , Din C Throughwall , Din D , Power Series , CLS , TLM-8 , D8 , SDAC , MLS , TB50 , EHG2 , EZ-ZONE ST , EZ-Zone RUI , EZ-Zone PM , N3 , Motor Control E-Safe II , EZ-Zone RM
14		<ul style="list-style-type: none"> Only used on Models manufactured conforming with FM Approved Documents and Agency Files shown on right. 	Factory Mutual (FM) J.I. 0D5A1.AF Series 94 J.I. 1B5A6.AF Series 97 J.I. 3014848 Series SD J.I. 3017239 Series L J.I. 3031690 Series TLM-8 J.I. 3026112 Series EZ-Zone ST J.I. 3029084 Series EZ-Zone PM J.I. 3033513 Series EZ-Zone RM
15	Obsolete use symbol 4 after 1-1-08 MLS and SDAC		
16	Obsolete previously used on CLS, CPC, CAS and D8 Listed models. 12-11-06		
17	Obsolete use symbol 4 after 1-1-08 TB50		
18	Obsolete previously used on TLM-8 models. 12-11-06		
19	Obsolete as of 4-1-04, used to be used for ML mercury relays.		
20	Obsolete as of 4-1-04, used for ML mercury relays.		
21	Obsolete August 2010, used on DPAC(S) Listed models		
22	Obsolete as of 12/31/07 Used on PPC-2000 Control # 53LJ		
23	Obsolete as of 12-31-07 Used on E-Safe 1 relays		
24	Obsolete as of 12-08-06 Used on File 207942 HPS Models 47		
25	Obsolete VDE CZR's		
26		<ul style="list-style-type: none"> Only used on Models manufactured conforming with Agency Files shown on right. 	Open Devicenet Vendor Association (ODVA) Devicenet Conformance Tested. Series SD6C Series D8 Series EZ-Zone PM Series EZ-Zone RM Series EZ-Zone EZK
27		<ul style="list-style-type: none"> Only used on Models manufactured conforming with Agency Files shown on right. 	Open Devicenet Vendor Association (ODVA) Ethernet/IP Conformance Tested Series PD Series EZ-Zone PM Series EZ-Zone RM Series EZ-Zone EZK

Symbol #	Symbol	Requirements for Symbol Use	Agency Files Using This Symbol
28		<ul style="list-style-type: none"> Used on all CE approved Products 	WEEE (Waste Electrical and Electronic Equipment) 2002/96/EC Directive Indicates Requirement to Recycle equipment.
29 UL approved 7-11-08		<ul style="list-style-type: none"> Only used on Models manufactured conforming with Approved Components and Agency Files shown on right. If the overall diameter of the UL Mark is less than 3/8 of an inch, the ® symbol may be omitted if it is not legible to the naked eye i.e. < 3/64". 	Underwriters Laboratories Inc. Control #56Y8 E43684 Vol 8 Sec 1 EHG2 SL10 E185611 Vol 2 Sec 4 EHG2 SL10
30	SCCR; not an agency mark, but information on ratings.	<ul style="list-style-type: none"> Only used on Models tested for High Fault Short Circuit test conditions, see SCCR White Paper for details. 	Short Circuit Current Rating SCCR UL Approval Letter SCCR White Paper
31	No Symbol	<ul style="list-style-type: none"> Profibus DP card used on EZ-Zone Product A007-2815-000B Card. 	PROFIBUS DP 0C70 Hex

MODELS	Approval Marks	Standards Used	Files	Models Approved
Series 733 Series 734	Symbol 7 (UR)	UL 873, UL 197	E43684 Vol 1 Sec 33 XAPX2	73(3 or 4)(A-Z) – (0-9 or A-Z)(A-H or K)(A-H or K)(0-9) – (A-H or K)(A-Z)(00 or AA-ZZ)
	Symbol 10 (CSA)	CSA C22.2 #24	LR 30586 Class 4813-02	73(3 or 4)(A or C) – (1, 2, 4, 5 or 6)(B, C, D, E, F, H or K)(A, B, C, D, E, F H or K)(0 or 1) – (A or D)(A, B or D)(any two letters or numbers)
	Symbol 13 (CE)	See Declaration	CE Declaration	733A-4BB1-AAAG
Series 988 Series 998 1/8 DIN	Symbol 8 (cURus)	UL 873, UL 50 (Nema 4X)	E43684 Vol 1 Sec 35 XAPX2, XAPX8	(98 or 99)(1-4 or 6-9)(A-Z) – (0-9)(0-9)(A-F or K)(A-F, K or T) – (A, B, C, J, K, M, N or T)(A-E, K, R, S, T or U)(any two letters or numbers)
	Symbol 13 (CE)	See Declaration	CE 981-984 CE 986-989 CE 996-999	Same as UL
Series N7	Symbol 8 (cURus)	UL 873, UL 60730	E43684 Vol 1 Sec 43 XAPX2, XAPX8	N7(any two alphanumeric characters) – (1-6)(0-6)(0-7)(0 or 1) – (0-5)(1, 2, 3, 4, 5 or 6)(any two alphanumeric characters)
	Symbol 10 (CSA)	CSA E60730-1	LR 30586 Class 4823-51	Same as cURus File listing.
	Symbol 11 (NSF)	NSF Standard 2	49660-0003-000	N7(any two letters or numbers) – (1-6)(0-6)(0-7)(any number) – (0-5)(any number)(any two letters or numbers)
	Symbol 13 (CE)	See declaration	CE Declaration	Same as UL
Series C Series TM Basics & Limits	Symbol 8 (cURus)	UL 873, UL 197 UL 60730-1, UL 60730-2-9 UL tested to ANSI Z21.23 UL50 IP65 tactile key models.	E43684 Vol 1 Sec 44 XAPX2, XAPX8 Complementary category NKCR2, NKCR8	CF(B, C, D, E, F or G) – (1, 2, 3, 4, 5, 6, 7, 8, A or C)(any alphanumeric character)(C or H) – (any four numbers)(additional alphanumeric characters) CV(B, C, D, E, F or G) – (1, 2, 5, 6, A, B, C or D)(any alphanumeric character)(C or H) – (any four numbers)(any four numbers)(additional alphanumeric characters) TM(B, D or F) – (1, 2, 5, 6, A or C)(any alphanumeric character)(additional alphanumeric characters)
	Symbol 10 (CSA)	CSA C22.2 No. 24	LR 30586 Class 4813-02	Series C Series TM
	Symbol 13 (CE)	See declaration RoHS, WEEE	CE Declaration	Same as cURus
Series L	Symbol 8 (cURus)	UL 873, UL 197, UL 991 UL tested to ANSI Z21.23 UL50, IP65 for tactile key models.	E43684 Vol 1 Sec 44 XAPX2, XAPX8 Complementary category NKCR2, NKCR8	LF(C, E or G) – (1, 2, 3, 4, 5, 6, 7, 8, A or C)(any alphanumeric character)(U, W, Y or Z) – (any four numbers) – (additional alphanumeric characters) LV(C, E or G) – (1, 2, 5, 6, A, B, C or D)(any alphanumeric character)(U, W, Y or Z) – (any four numbers) – (any four numbers)(additional alphanumeric characters)
	Symbol 14 (FM)	Factory Mutual Class 3545	J.I. 3017239	LF(C, E or G) – (1, 2, 3, 4, 5, 6 or 7)(any alphanumeric character)(U, W, Y or Z) – (any four numbers) – (additional alphanumeric characters) Same as cURus LV approval.
	Symbol 10 (CSA)	CSA C22.2 No. 24	LR 30586 Class 4813-02	Series L
	Symbol 13 (CE)	See declaration RoHS, WEEE	CE Declaration	Same as cURus approval.
Smartheat	Symbol 8 (cURus)	UL 873	E43684 Vol 1 Sec 45 XAPX2, XAPX8	WCSH – (0120 or 0240) – (additional letters or numbers)
	Symbol 13 (CE)	See declaration	CE Declaration	Same as cURus
Series N3	Symbol 8 (cURus)	UL 60730-1, -2-9	E43684 Vol 1 Sec 46 XAPX2, XAPX8	N3(Any two letters or numbers) – (02, 03)02 – (any four numbers or letters)
	Symbol 13 (CE)	EN 60730-1, -2-9	CE Declaration	Same as cURus

MODELS	Approval Marks	Standards Used	Files	Models Approved
Motor Control	Symbol 8 (cURus)	UL 60730-1	E43684 Vol 1 Sec 47 XAPX2, XAPX8	A007-2800-0000
	Symbol 13 (CE)	EN 60730-1	CE Declaration	A007-2800-0000

MODELS	Approval Marks	Standards Used	Files	Models Approved
A007-1732 Event output Board	Symbol 7 (UR)	UL 873	E43684 Vol 2 Sec 28 XAPX2	A007-1732-(0-9 or F)(0-9)(A, B, C, or K)(0-8)
Series F2 Minichief	Symbol 8 (cURus)	UL 873, UL 197, UL 60730, UL/ANSI Z21.23	E43684 Vol 2 Sec 29 XAPX2, XAPX8	F2(H or U)(A or C) – (0-4)(0-3)(0-3)(0 or 1) – (0 or 1)(0 or 1)(AA-ZZ)
	Symbol 11 (NSF)	NSF Standard 2	49660-0001-000	F2(H or U)(A or C) – (1-4)(1-3)(1-3)1 – (0 or 1)(0 or 1)(any two letters or numbers)
	Symbol 13 (CE)	See declaration	CE Declaration	Same as UR

MODELS	Approval Marks	Standards Used	Files	Models Approved
EHG2 (SL10)	Symbol 29(cULus) Control # 56Y8	UL 60730, UL 61010, UL 1998	E43684 Vol 8 Sec 1 E185611 Vol 2 Sec 4 XATJ, XATJ7 QUYX, QUYX7	EHG2-(CNTL or MODU)-(any four letters or numbers)
	Symbol 13 (CE)	EN 60730, EN 61010	CE Declaration	Same as UL above.

Series CZR Contactor See Obs. Log 0169 CR series obsolete 5/16/07.	Symbol 7 (UR)	UL 508	E73741 NRNT2	(CR or CZ)(24, 34, 42 or 50) – A (24, 48 or 60) V – (AC10, AC20, or DC10) (CR or CZ) 18 – A (24, 48 or 60) V – (AC10, AC20 or DC10)
	Symbol 10 (CSA)	CSA C22.2 #14	700195 Class 3211-07	(CR or CZ)(24, 34, 42 or 50) – with suffixes (CR or CZ) 18 – A (24, 48 or 60) V – (AC10, AC20 or DC10)
	Symbol 25 (VDE)	VDE Category 4944 File closed Oct. 1, 2006	1995500 1995500	Same as URCZ50, and AC20 options obs ECO 14374 Aug. 2010
	Symbol 13 (CE)	See declaration	CE Declaration	CZ(18, 24, 34 or 42) – A (24, 48, 60) V – (AC10 or DC10)
Solid State Relays SSR	Symbol 7 (UR)	UL 508	E151484 NMFT2	18-60(01-06, 11, 13, 14, 16-21, 23, 25 or 38-41) 0003-0195 – (0000, 6005, 6006, 6013) 0003-0221-(0001, 0002, 0003, 0004)
			E73741 NRNT2, NRNT8	0003-0195-60(11, 16, 17, 19, 23 or 38) 0003-0195-6100
	Symbol 10 (CSA)	CSA C22.2 #14	700195 Class 3211-07	18-60(01-06, 11, 13, 14, 16-19, 21, 23, 25 or 38-41) 0003-0195-(0000, 6005, 6006, 6011, 6013, 6016, 6017, 6019, 6023 or 6038) 0003-0221-(0001, 0002, 0003, 0004)
	Symbol 12 (VDE)	VDE Category 4941	1995500	18-60(01-06, 11, 13, 14, 16-19, 21, 23, 25, 38, 39) 0003-0195-(0000, 6005, 6006, 6011, 6013, 6016, 6017, 6019, 6023 or 6038)
	Symbol 13 (CE)	See declaration	CE Declaration	Same as VDE

MODELS	Approval Marks	Standards Used	Files	Models Approved
DIN-A-Mite A	Symbol 1 (cULus) Control # 948Y SCCR Note	UL 508	E73741 Vol 2 Sec 5 NRNT, NRNT7	DA10 – (02, 24 or 60)(CX, FX, K1, k2 or K3) – 0(any 3 numbers or letters) (where X = any number 0-9)
	Symbol 13 (CE)	See declaration	CE Declaration	Same as cULus
DIN-A-Mite B	Symbol 1 (cULus) Control # 948Y SCCR Note	UL 508	E73741 Vol 2 Sec 6 NRNT, NRNT7	DB(1, 2, 3, 4, 8 or 9) 0 – (02, 24 or 60)(CX, FX, K1, K2, K3) – (0, C, or S)(any three letters or numbers) (where X = any number 0-9)
	Symbol 13 (CE)	See declaration	CE Declaration	Same as cULus
DIN-A-Mite C	Symbol 1 (cULus) Control # 948Y SCCR Note	UL 508	E73741 Vol 2 Sec 4 NRNT, NRNT7	DC(1, 2, 3, 4, 8 or 9)(0, 1, 2 or 3) – (02, 12, 20, 24, 27, 40, 48 or 60)(CX, FX, LX, PX, SX, K1, K2 or K3) – (0, C, D, H or S)(any three numbers or letters) (where X = any number 0-9)
	Symbol 13 (CE)	See declaration	CE Declaration	Same as cULus
DIN-A-Mite C Throughwall	Symbol 3 (cULus) Control # 2S81 SCCR Note	UL 508 UL 1604, UL 50 (Nema 4X) ISA12.12.01	E184390 Vol 1 Sec 1 QUZW, QUZW7	DC(1, 2, 3, 4, 8, or 9) T – (02, 12, 20, 24, 27, 40, 48, or 60)(CX, K1, K2, K3, FX, LX, PX or SX) – (0, C, D, H or S)(any three numbers or letters) (where X = any number 0-9)
	Symbol 13 (CE)	See declaration	CE Declaration	Same as cULus
DIN-A-Mite D	Symbol 1 (cULus) Control # 948Y SCCR Note	UL 508	E73741 Vol 1 Sec 7 NRNT, NRNT7	DD10 – (02, 24, 48 or 60)(CX, K1, K2, K3 or FX) – (0, C or S)(any three numbers or letters), (where X = any number 0-9) E-RRL4CSSAA248E , E-RRL4CSSAAA48X, (X = any letter or number)
	Symbol 13 (CE)	See declaration	CE Declaration	Same as cULus

MODELS	Approval Marks	Standards Used	Files	Models Approved
QPAC	Symbol 1 (cULus) Control # 948Y SCCR Note	UL 508	E73741 Vol 3 Sec 1 NRNT, NRNT7	Q(01, 32, 33) – (12, 20, 24, 27, 38, 40, 41, 48 or 57)(0, 1 or 2) – (030, 050, 075, 100, 150, 200, 300) – (CA, CD, BF, BV, AF or AL)(may be followed by additional numbers or letters)
				Q(01, 32) – (12, 20, 24, 27, 38, 40, 41 or 48)(0, 1 or 2) – (400, 500, 600, 800, 01K) – (CA, CD, BF, BV, AF or AL)(may be followed by additional numbers or letters)
Series PC Power Series	Symbol 1 (cULus) Control # 948Y SCCR Note	UL 508	E73741 Vol 3 Sec 2 NRNT, NRNT7	PC(1-9)(0-9) – (N or F)(20, 25 or 30)(A, B, C or D) – (0-9)(0-9)(00 or any two letters)
	Symbol 13 (CE)	See declaration	CE Declaration	Same as cULus

E-Safe II	Symbol 8 (cURus)	UL 508	E73741 Vol 4 Sec 1 NRNT2, NRNT8	ES2(1, 2, 3) – (1, 2, 3)(LV or HV) 0 – 0(any three letters or numbers.
	Symbol 13 (CE)	EN 60947-4-3	CE Declaration	Same as cURus

MODELS	Approval Marks	Standards Used	Files	Models Approved
Series 93 1/16 DIN	Symbol 5 (cULus) Control # 88CM	UL 508 UL 50 (Nema 4X, 12)	E102269 Vol 2 Sec 2 NKCR, NKCR7	93(A or B)(A or B) – 1 (C, D, F, or K)(A, C, D or K)(0 or 1) – (followed by any four letters or numbers)
	Symbol 13 (CE)	See declaration	93 CE Declaration NKCR, NKCR7	93(A or B) B – 1 (C, D, F or K)(A, C, D or K)(0 or 1) – (any four letters or numbers)
Series 94	Symbol 14 (FM)	Factory Mutual Class 3545 Nema 4X, Nema 12	J.I. 0D5A1.AF	94(A or B)(A or B) – 1D (A, C, D or K)(0 or 1) – (any four letters or numbers)
	Symbol 13 (CE)	See declaration	CE Declaration	94(A or B) B – 1D (A, C, D or K) (0 or 1) – (any four letters or numbers)
Series PD	Symbol 5 (cULus) Control # 88CM	UL 508	E102269 Vol 2 Sec 3 NKCR, NKCR7	PD(D or S) (0 to 9) – (C, F, J or K) (A, C, E or K) (A, C, F, J or K) (A, C, E or K) – (0 through 9)(any three numbers or letters)
	Symbol 10 (CSA)	CSA C22.2 #24	LR 30586 Class 4813-02	Series PDXX-XXXX-XXXX
	Symbol 13 (CE)	See declaration	CE Declaration	PD(D or S) (0 to 9) – (C, F, J or K) (A, C, E or K) (A, C, F, J or K) (A, C, E or K) – (0 or 1) (any three letters or numbers)
	Symbol 27 ODVA	EtherNet/IP Conformance Composite 3	ODVA Declaration	PDXX-XXXX-XAXX

MODELS	Approval Marks	Standards Used	Files	Models Approved
Series EZ- ZONE ST Tower	Symbol 5 (cULus) Control # 88CM SCCR Note	UL 508, UL 61010	E102269 Vol 2 Sec 4 NKCR, NKCR7 QUYX, QUYX7	ST(K, B, P, E, D, H, J or C)(A, L or B) – (A, B or F)(L, H, 1, 2 or 3)(Any letter or number)(B, C, D, E, F, G, H, J, K, L, M, N, P, R, S or T) – (B, C, D, E or F)(Any three letters or numbers)
	Symbol 8 (cURus)	UL 508, UL 61010	E102269 Vol 1 Sec 5 NKCR2, NKCR8	STRT-HS (AA or CB) – (any three letters or numbers)(B, C, D, E or F) STRT-BASE -(0000 or DP(A, B or F)(L, H, 1, 2 or 3)) STRC - (Any letter or number)(K, B, P, E, H, D, J or C)(A, B or L)(L, H, 1, 2 or 3) – (any four letter or number)
	Symbol 14 (FM)	Factory Mutual Class 3545	3026112	ST(K, B, P, E, D, H, J or C) L – (A, B or F)(L, H, 1, 2 or 3)(Any letter or number)(A to H, J to M, P, R, S or T) – (A, B, C, D, E or F)(Any three letters or numbers) STRC – 0(K, B, P, E, H, D, J or C) L (L, H, 1, 2 or 3) – (Any four letters or numbers)
	Symbol 10 (CSA)	C22.2 No 14-05	158031 Class 3211 07	ST (K, B, P, E, D, H, J or C)(A, L or B) – (A, B or F)(L, H, 1, 2 or 3)(Any letter or number)(B, C, D, E, F, G, H or J) – (B or C)(Any three letters or numbers) STRT-HS (AA or CB) – (any three letters or numbers)(B or C) STRT-BASE -(0000 or DP(A, B or F)(1, 2 or 3)) STRC - (Any letter or number)(K, B, P, E, H, D, J or C)(A, B or L)(L, H, 1, 2 or 3) – (any four letter or number)
	Symbol 13 (CE)	See declaration	CE Declaration Declaration of Incorporation	ST(K, B, P, E, H, D, J or C)(A, L or B) – (A, B or F)(L, H, 1, 2 or 3)(Any letter or number)(A to H or J to N, P, R, S or T)(A, B, C, D, E or F)(Any three numbers or letters)

Series EZ-Zone RUI	Symbol 5 (cULus) Control # 88CM	UL 508, UL 61010 IP66, Nema 4X	E102269 Vol 2 Sec 5 NKCR, NKCR7 QUYX, QUXX7	EZK (A, B) – (A, L or H) (A)(any two alphanumeric characters) – A A (any two alphanumeric characters) See EZ-ZONE PM for long case models.
	Symbol 10 (CSA)	C22.2 No 24 long case C22.2 No 14 short case	158031 Class 4813 02 158031 Class 3211 07	EZK (A, B or C) – (A, L or H) A, or 0 to 9 (any two alphanumeric characters) – A A (any two alphanumeric characters)
	Symbol 13 (CE)	See declaration	CE Declaration	As UL file above.
	Symbol 27 ODVA	ODVA Ethernet/IP	ODVA Declaration	EZ-Zone EZKX-X3XX-XXXX models that use A007-2779-0000 Rev C
	Symbol 26 Devicenet	ODVA Devicenet	Devicenet Declaration	EZ-Zone EZKX-X5XX-XXXX models that use A007-2814-0000 Revision A or B PCB

HAL	Symbol 8 (cURus)	UL 873	E43684 Vol 1 Sec 48 XAPX2, XAPX8	HAL
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MODELS	Approval Marks	Standards Used	Files	Models Approved
TLM-8	Symbol 4 (cULus) Control # 93RL	UL 61010-1	E185611 Vol 2 Sec 5 QUYX, QUXX7	TLM (C, E or P) – (0-9)(0 or 1)(any number)(additional alphanumeric characters)
		Companion Recognition to UL 873	E43684 Vol 4 Sec 27 XAPX2, XAPX8	
	Symbol 14 (FM)	Factory Mutual Class 3545	FM 3031690	Temperature Limit Switch non-indicating TLM (C or E)(0 – 6) 1 (any number)(additional alphanumeric characters) Temperature Supervisory Switch TLM (C or E)(0 – 6) 0 (any number)(additional alphanumeric characters)
	Symbol 13 (CE)	See declaration	CE Declaration	Same as cULus
CLS200 1/8 DIN	Symbol 4 (cULus) Control # 93RL	UL 61010-1	E185611 Vol 2 Sec 5 QUYX, QUXX7	CLS2 – (00 to 16) X (0, 1 or 3) (additional alphanumeric characters)
		Companion Recognition to UL 916	E43684 Vol 4 Sec 27 XAPX2, XAPX8	
	Symbol 13 (CE)	See declaration	CE CLS	Same as cULus
Series D8	Symbol 4 (cULus) Control # 93RL	UL 916	E185611 Vol 2 Sec 5 QUYX, QUXX7	D8(4 or 8) 0 followed by any numbers or letters
	Symbol 8 (cURus)	UL 916	E185611 Vol 3 Sec 1 QUYX2, QUXX8	D8(4 or 8)1-0000-(0, 1, 2, 3, 4 or 5)(0 or 1) 0 (any number or letter)
	Symbol 26 (Devicenet)	ODVA Composite Test Revision 17	ODVA DOC	Watlow D88
	Symbol 13 (CE)	See declaration	CE D8	Same as cULus and cURus
MLS300	Symbol 4 (cULus) Control # 19GK	UL 916	E185611 Vol 2 Sec 7 QUYX, QUXX7	MLS300PM (Processor Module) MLS300-AIM (Analog Input Module) MLS300-CIM (Compact Input Module)
	Symbol 13 (CE)	See declaration	CE Declaration	Same as cULus
TB50	Symbol 4 (cULus) Control # 19GK	UL 916	E185611 Vol 2 Sec 7 QUYX, QUXX7	TB50 (Interface module)
	Symbol 13 (CE)	See declaration	CE Declaration	Same as cULus
SDAC	Symbol 4 (cULus) Control # 19GK	UL 916	E185611 Vol 2 Sec 8 QUYX, QUXX7	SDAC and Series DAC(Serial Digital to Analog Converter)
	Symbol 13 (CE)	See declaration	CE Declaration	Same as cULus

MODELS	Approval Marks	Standards Used	Files	Models Approved
Series F4 1/4 DIN	Symbol 4 (cULus) Control # 93RL	UL 916, UL 50 (Nema 4X)	E185611 Vol 2 Sec 1 QUYX, QUYX7	F4(S, D or P)(H or L) – (C, E, F or K)(A, C, E, F or K)(A, C, F, K or any number or letter)(A, C, K, F, 0 or 6 or any letter or number) – (0, 1 or 2)(any three letters or numbers) Auxiliary input or output modules, Models Z100-0745-(0001 to 0007)
	Symbol 13 (CE)	See declaration	CE Declaration	Same as cULus
Series 96 1/16 DIN	Symbol 4 (cULus) Control # 93RL	UL 916 UL 50 (Nema 4X, 12)	E185611 Vol 2 Sec 2 QUYX, QUYX7	96(A or B)(0 or 1) – (C, D, F or K)(A, C, D, F, K or M)(A or D)(A, D, R, U or M)(any four letters or numbers) Auxiliary output modules, Models Z100-0739-(0001 to 0008)
	Symbol 13 (CE)	See declaration	CE Declaration	Same as cULus
Series 97	Symbol 14 (FM)	Factory Mutual Class 3545 Nema 4X, Nema 12	J.I. 1B5A6.AF	97(A or B)(0 or 1) – D(A, C, D or K)(A or D)(A, D, U, M or R) – (any four letters or numbers)
	Symbol 13 (CE)	See declaration	CE Declaration	Same as FM
Series SD	Symbol 4 (cULus) Control # 93RL	UL 61010C-1 UL 50 (Nema 4X, 12)	E185611 Vol 2 Sec 3 QUYX, QUYX7	SD(3, 4, 6, 8 or 9)(any alphanumeric character) – (H or L)(C, F, J or K)(A, C, J, K or U)(A, C, E, F or K) – (A, D or R)(any three alphanumeric characters)
	Symbol 10 (CSA)	CSA C22.2 #24	LR 30586 Class 4813-02	Same as cULus
	Symbol 14 (FM)	Factory Mutual Class 3545	J.I. 3014848	SD(3, 4, 6, 8 or 9)L – (H or L) J (A, C, J, K or U)(A, C, E, F or K) – (A, D or R)(any three alphanumeric characters)
	Symbol 11 (NSF)	NSF Standard 2	49660-0002-000	SD(3, 4, 6, 8 or 9)(any letter or number) – (H or L)(C, F, J or K)(A, C, J, K or U)(A, C, E, F or K) – (any four letters or numbers)
	Symbol 13 (CE)	See declaration	CE Declaration	Same as cULus approval.
	Symbol 26 (Devicenet)	Common Industrial Protocol Rev 2.1 Semi SIG Rev 2.4	CIP ODVA Declaration SEMI ODVA Declaration	SD6C-(H or L)(C, F, J or K)(A, C, J, K) A – D (S or N)(any two letters or numbers) SD6C-(H or L)(C, F, J or K)(A, C, J, K) A – DS(any two letters or numbers)

MODELS	Approval Marks	Standards Used	Files	Models Approved
EZ-Zone PM	Symbol 4 (cULus) Control # 93RL	UL 61010-1 2 nd edition UL 50 4X, IP66	E185611 Vol 2 Sec 6 QUYX, QUYX7	PM (3, 4, 6, 8 or 9)(Any letter or number)(1, 2, 3 or 4)(A, C, E, F or K)(A, C, H, J or K) – (Any letter or number)(A, C, J, L, M, P, R or T)(A, C, E, F or K)(A, C, H, J or K) (Any three letters or numbers) EZK (B, C, D, or E) - (L or H)(0 – 9)(XX) - (AA)(XX)
	Symbol 3 (cULus) Control # 2S81	ANSI/ISA 12.12.01-2001 Class 1 Div 2, Groups A, B, C, D Temp Code T4A	E184390 Vol 1 Sec 2 QUZW, QUZW7	PM (3, 4, 6, 8 or 9)(Any letter or number)(1, 2, 3 or 4)(A, C, F or K)(A, C or K) – (Any letter or number)(A, C, J, R, P or T)(A, C, F or K)(A, C or K) Any letter or number (12 or any two numbers or letters) EZK (B, C, D or E) – (L or H)(2, 3, 5 or 6)(XX) – A A (12 or XX)
	Symbol 27 ODVA	ODVA Ethernet/IP	ODVA Declaration	EZ-Zone PM or EZK models that use A007-2779-0000 Rev C
	Symbol 26 Devicenet	ODVA Devicenet	Devicenet Declaration	EZ-Zone PM or EZK models that use A007-2814-0000 Revision A or B PCB
	Symbol 10 (CSA)	CSA C22.2 #24,	158031 Class 4813-02	PM (3, 4, 6, 8 or 9)(Any letter or number)(1, 2, 3 or 4)(A, C, E, F or K)(A, C, H, J or K) – (Any letter or number)(A, C, J, L, M, P, R or T)(A, C, E, F or K)(A, C, H, J or K) (Any three letters or numbers) EZK (B, C, D or E) – (L or H)(0 to 9)(XX) – A A (XX)
	Symbol 14 (FM)	FM Class 3545	J.I. 3029084	PM (3, 6, 8, 9 or 4)(L, M or D)(1, 2, 3 or 4)(A, C or E) J – (Any letter or number) A (A, C, E, F or K)(A, C, J or K) (A, B or C) (Any two letters or numbers) PM(6, 8, 9 or 4)(Any letter or number)(1, 2, 3 or 4)(A, C, E, F or K)(A, C, H, J or K) – (Any letter or number)(L, M or D)(A, C or E) J, (A, B or C), (Any two letters or numbers)
Symbol 13 (CE)	See declaration	CE Declaration	All Models, See CE Declaration.	
EZ-Zone RM	Symbol 4 (cULus) Control # 93RL	UL 61010-1 2 nd edition	E185611-A1-UL-1 QUYX, QUYX7	RM followed by additional letters or numbers describing up to four modules used for input, control, output or communications.
	Symbol 3 (cULus) Control # 2S81	ANSI/ISA 12.12.01-2007 Class 1 Div 2, Groups A, B, C, D Temp Code T4	E184390 Vol 1 Sec 3 QUZW, QUZW7	Control Module – RMC (1, 2, 3, 4, 7 or 9)(A, E, G, N, P, S, T, U or Z) (A, 1, 2, 7 or 9)(A, E, G, N, P, S, T, U or Z)(A, 1, 2, 7 or 9) (A, E, G, N, P, S, T, U or Z) (A, 1, 2, 7 or 9)(A, C, E, G, N, P, S, T, U or Z) (A or F) X12. Expansion module – RME (A, F, R or S)(A, C or K)(A or C)(A, C or K)(A, C or T) AA 12 Access module – RMA (A, F or S) A X (A or B) (A, B, U, Y or D) AA 12
	Symbol 14 (FM)	FM Class 3545	J.I. 3033513 J.I. 3039786	RMC (1-7 or 9)(A,B, D-H, J-N, P, R, S, T,U, Y or Z) (A or 1,2,5,6,7 or 9) (A,B, D-H, J-N, P, R, S, T,U, Y or Z) (A or 1,2,5,6,7 or 9) (A,B, D-H, J-N, P, R, S, T,U, Y or Z) (A or 1,2,5,6,7 or 9) (A-H, J-N, P, R, S, T,U, Y or Z) (A or F) (A or 1) Any two letters or numbers. (Need a 5 or 6 in at least one of positions 4, 6, 8 or 10 of model number to be a Limit.) RML (A, F or S) - (5, 6)(A, 5, 6, J, C, B)(A, 5, 6, J, C, B)(A, J, C, B) – A (A, 1) any two letters or numbers
	Symbol 27 ODVA	ODVA Ethernet/IP	ODVA Declaration	EZ-Zone RMA models using A007-2779-000 Rev C – Ethernet board.
	Symbol 26 Devicenet	ODVA Devicenet	Devicenet Declaration	EZ-Zone RMA models that use A007-2814-0000 Revision B PCB
Symbol 13 (CE)	See declaration	CE Declaration	RM followed by additional letters or numbers describing up to four modules used for input, control, output or communications.	

OBSOLETE FILES

E43684 Vol 1

03-03-CG	OBS File 211	OBS July 2010	E43684 Vol 1 Sec 10	0303-CG00-0301
04-03-A(L,P)		Obsolete 11-16-93	E43684 Vol 1 Sec 8	All models
03-03-CX		Obsolete 03-31-02	E43684 Vol 1 Sec 13	All models
Model 02-03		Obsolete 03-31-04	E43684 Vol 1 Sec 17	All models
Model 100A		Obsolete 04-03-02	E43684 Vol 1 Sec 26	100A – (1 or 2)(600-699) – (00 or 02) XX or Models 1(A, B)10-11JX-XXXX
61-06-AR		Obsolete 03-31-04	E43684 Vol 1 Sec 28	All models
Series 92		Obsolete 9/8/99	E43684 Vol 1 Sec 34	All models
Central Boiler	OBS File 159	Obsolete 12-6-04	E43684 Vol 1 Sec 37	All models
Series 101	OBS File 163	Obsolete 5-12-05	E43684 Vol 1 Sec 38	All models
Series 550		Obsolete 5-15-03	E43684 Vol 1 Sec 39	All models
Series 104	OBS File 163	Obsolete 5-12-05	E43684 Vol 1 Sec 40	All models
Series 147	OBS File 163	Obsolete 5-12-05	E43684 Vol 1 Sec 40	All models
Series 103	OBS File 163	Obsolete 5-12-05	E43684 Vol 1 Sec 41	All models
Series 146	OBS file 163	Obsolete 5-12-05	E43684 Vol 1 Sec 41	All models
Series 102	OBS file 163	Obsolete 5-12-05	E43684 Vol 1 Sec 42	All models
Series 145	OBS file 163	Obsolete 5-12-05	E43684 Vol 1 Sec 42	All models
Series 945	OBS file 186	Obsolete 9/26/08	E43684 Vol 1 Sec 32	All models
Series 942			LR 30586, J.I. 0Y6A4.AF	BC, CS, DS or TD infrared models obs. 11-3-99

E43684 Vol 2

Series 808		Obsolete 5/10/96	E43684 Vol 2 Sec 1	All models
Series 100B		Obsolete 04-03-02	E43684 Vol 2 Sec 2	All models
Series 804		Obsolete 12/2/96	E43684 Vol 2 Sec 9	All models
Series 800		Obsolete 10-27-97	E43684 Vol 2 Sec 10	All models
Series 80	OBS Files 101, 103, 164	Obsolete 03-01-05	E43684 Vol 2 Sec 12	All models
Series 100A		Obsolete 04-03-02	E43684 Vol 2 Sec 18	All models
Relay Master		Obsolete 12/2/96	E43684 Vol 2 Sec 19	All models
Series 985		Obsolete 10-27-97	E43684 Vol 2 Sec 20	All models
Series 910		Obsolete 1996	E43684 Vol 2 Sec 21	All models
Series 150		Obsolete 10-27-97	E43684 Vol 2 Sec 22	All models
Series 400		Obsolete 05-15-03	E43684 Vol 2 Sec 23	All models
Series 92X		Obsolete 07-07-00	E43684 Vol 2 Sec 25	All models
Series 965		Obsolete 5/4/00	E43684 Vol 2 Sec 27	All models
Series 142	OBS file 163	Obsolete 05-12-05	E43684 Vol 2 Sec 30	All models

Series 360		Obsolete 12/2/96	?	
Series 1500		Obsolete 5/16/96	?	
Series 92X		Obsolete 11/9/99	E43684 Vol 2 Sec 25	920, 922 models.
Series 140A		Obsolete 2-17-00	E43684 Vol 2 Sec 14	
Augustine Medical	Symbol 7	Obsolete Aug, 2010	E43684 Vol 2 Sec 24	A007-1900-(any four numbers), A007-2133-(any four numbers)
Series 160	Symbol 7	Obsolete Aug, 2010	E43684 Vol 2 Sec 26	160(A or B) – (1 or 2)(A, B or C)(01 – 24) – (1 or 2)(0 – 9)(00 or AA-ZZ)

DPAC DPAC-S	Symbol 21 used	Obsolete Aug, 2010	E43684 Vol 4 Sec 2 E43684 Vol 5 Sec 1	D01, 32, 43 all models, D01S, D32S, D43S all models
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Various files.

Series V4		Obsolescence log 0170	Obsolete 8/2/06	All models
PPC-2000		Obsolete 12/31/07	CE Declaration	All models
HPS Base Station and Satellites				Obsolete 12/08/06 File pulled after last time buy by HPS.
Mercury Relay		Obsolete 4/1/04		
E-Safe 1	Symbol 23 cULus Symbol 13 CE	Obsolete 12-31-07	E213822	All models

E43684 Vol 7 Sec 1

Series 80M6		Obsolescence log 182	Obsolete 4/23/08	All models
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E102269

Series μ D MicroDIN	OBS log 174	Obsolete 12/07/06	E102269 Vol 1 Sec ?	All models
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Series 935 1/32 DIN	OBS log 220	Obsolete 4/30/10	E102269 Vol 2 Sec 1 NKCR, NKCR7	935(A-Z) – (0-9) C (C, D or K)(0 or 1) – (any four letters or numbers)
			CE Declaration	Same as cULus

Revision	Date	Description	Agency Review of Symbols Required?	Change Due to:
A	7-15-08	Adjusted format and corrected agency symbols to comply with UL Label Marking department requirements. Symbols 1, 3, 5, 10, 13, 14, 21, 29 updated.	Yes Approved by UL 7-11-08	UL VN 0805221840 CATSWEB 14979
B	9/26/08	Obsolete Series 942/945, Corrected DIN C standard model UL logo callout by removing Throughwall model. FM now has an online searchable database.	No symbols changed. N/A	OBS Log 186
C	10/23/08	Initial Release of EZ-Zone RM series product, UL Ordinary locations, UL Hazardous locations, FM, CE, and ODVA Ethernet. Add clarification for PM models ODVA Ethernet and devicenet approval.	No symbols changed N/A	Milestone 5
D	1/30/09	EZ-ZONE PM Limited Feature update, EZK long case CSA approval and other typographical corrections	No symbols changed N/A	Updated approvals received.
E	3/17/09	Devicenet approval received A007-2814-000B card used on RM and PM models. Put Logo ON units. Corrected ThermoKing P/N's, added alternate Hussmann door heater p/n. Obsolete Hannibal Optical trip sensor. No product ever produced.	No symbols changed N/A	ODVA test 10584.02
F	7/24/09	Series PM8, 9, 4 UL and FM approval received. Added thermistor input to PM6 and Profibus comms. SR2 1E58353GXX software modification of current product.	No symbols change N/A	FM 3035726, UL 09NK05591 UL 09NK08399
G	11/02/09	Updated RM File to allow future expansion, UL file update to describe by modules allowed not by model number, Also some clarifications of EZK models due to adding long case models to PM file.	No symbols change N/A	UL 09CA49692 UL 09NK05591
H	3/19/2010	Updated EZ-Zone ST due to release of Phase angle models.	No symbols change N/A	UL 09NK15933 FM 3037883 IM 484 UL SR5713714- T001
J	7/30/10	Updated RM FM file to add High density Limits, Added Emerging Market control CE, and removed T321 UL approval due to standards change.	No symbols change N/A	FM 3039786 IM 472
K	9/24/10	EM00-GATE-0000 obsolete, Obs. CZ50 and -AC20 options CZRs, 0303-CG00-0301 obs., Augustine Medical, Series 160, DPAC and DPACS Obsolete., Updated EZ-Zone PM 4, 8, 9 models with CSA, addition of SR3 CE approval	Updated NSF logos to wider Component box and created inverse logo.	OBS log 198, 211 ECO 14374, ECO 14429, ECO 14402
L	2/18/11	Added SR2/3 Diagnostics new part number 204-1930, Series 935 Obsolete. Updated symbol 29 to enhance UL logo information on label. Beacon Maedes File closed.	Symbol 29 approved 2- 10-11	ECO 14448, OBS Log 220, ECO 14549