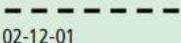

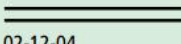











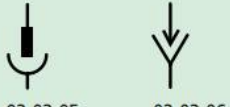







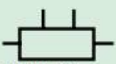


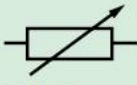

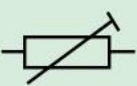

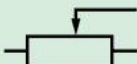
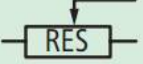





















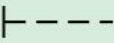
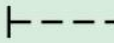
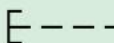


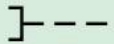
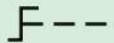
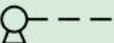
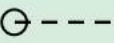


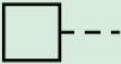

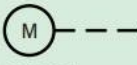
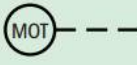
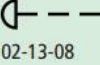



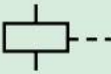




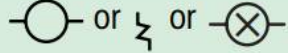

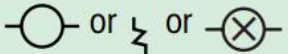
PHỤ LỤC


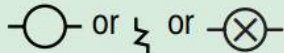

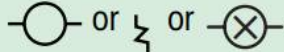

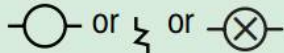

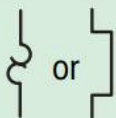


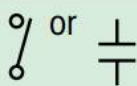

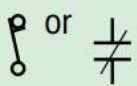

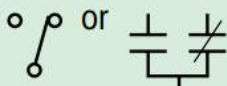




CÁC KÝ HIỆU ĐIỆN CÔNG NGHIỆP



















DANH MỤC	IEC (DIN EN)	NEMA ICS/ANSI/IEEE
Lưới cung cấp nguồn chung	 02-12-01	
Lưới cung cấp nguồn riêng	 02-12-04	
Phân chia giữa 2 lĩnh vực	 02-01-06	
Phân chia giữa 2 đơn vị chức năng	 02-01-06	
Khu vực được bảo vệ	 02-01-07	
Hệ thống nối đất (chung)	 02-15-01	
Nguồn bảo vệ nối đất	 02-15-03	
Kết nối bằng đầu cos và ổ cắm	 03-03-05 or 03-03-06	
Điểm cô lập (cách ly)	 03-03-18	










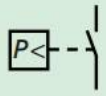
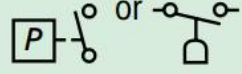
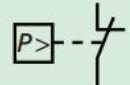
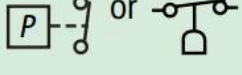


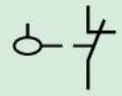

DANH MỤC	IEC (DIN EN)	NEMA ICS/ANSI/IEEE
Phần tử thụ động		
Điện trở	 or  04-01-02 04-01-02	 or 
Điện trở đa bước	 04-01-09	 or 
Biến trở	 04-01-03	
Biến trở thanh gạt		
Biến trở thanh gạt dạng trượt	 04-01-07	
Cuộn dây, cuộn kháng	 or  04-03-01 04-03-02	
Cuộn dây đa bước	 04-03-06	
Tụ điện	 or  04-02-01 04-02-02	 or 
Tụ điện điều chỉnh	 104-02-01	

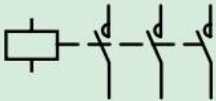
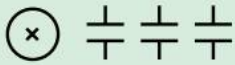
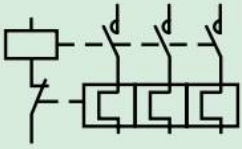
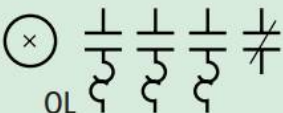
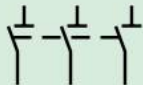
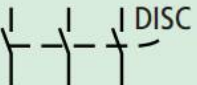

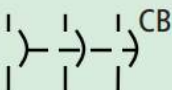
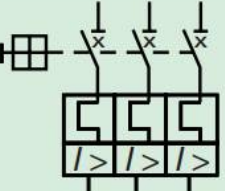


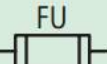

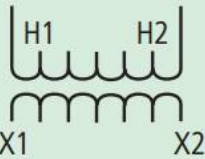
DANH MỤC	IEC (DIN EN)	NEMA ICS/ANSI/IEEE
Thành phần mạch điều khiển		
Chỉ dẫn trạng thái		 *with colour stated
Đèn báo trạng thái	 08-10-01	 or  or  *with colour stated
Còi	 or  08-10-11 08-10-10	 ABU
Còi Ôtô	 08-10-05	 HN
Dụng cụ điều khiển		
Vận hành bằng tay	 02-13-01	
Vận hành kiểu ấn	 02-13-05	
Vận hành kiểu đẩy	 02-13-03	
Vận hành kiểu xoay	 02-13-04	
Vận hành bằng khóa	 02-13-13	
Vận hành kiểu con lăn, cảm biến	 02-13-15	







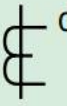
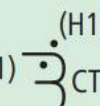















DANH MỤC	IEC (DIN EN)	NEMA ICS/ANSI/IEEE
Trữ năng lượng dạng cơ	 02-13-20	
Chuyển mạch dạng cơ	 102-05-04	
Vận hành bằng Motor	 02-13-26	
Công tắc khẩn cấp	 02-13-08	
Bảo vệ quá dòng kiểu điện từ	 02-13-24	
Bảo vệ quá dòng kiểu nhiệt	 02-13-25	
Vận hành kiểu điện từ	 02-13-23	
Điều khiển bởi mặc chất lỏng	 02-14-01	
Dụng cụ vận hành điện từ và điện cơ		
Cuộn hút relay	 07-15-01	 × device code letter → table, page 9-13
Cuộn hút vận hành chuyên biệt		 × device code letter → table, page 9-13

















DANH MỤC	IEC (DIN EN)	NEMA ICS/ANSI/IEEE	
Cuộn dây on delay	 07-15-08	 × device code letter → table, page 9-13	
Cuộn dây off delay	 07-15-07	 × device code letter → table, page 9-13	
Cuộn dây on-off delay	 07-15-09	 × device code letter → table, page 9-13	
Relay nhiệt	 07-15-21		
Các tiếp điểm			
Tiếp điểm thường mở	 07-02-01	or  07-02-02	
Tiếp điểm thường đóng	 07-02-03		
Nhóm tiếp điểm thay đổi trạng thái	 07-02-04		
Tiếp điểm mở sớm	 07-04-01		 TC or TDC
Tiếp điểm đóng muộn	 07-04-03		 T0 or TD0

DANH MỤC	IEC (DIN EN)	NEMA ICS/ANSI/IEEE
Tiếp điểm thường mở, đóng chậm	 or  07-05-02 07-05-01	 T.C.
Tiếp điểm thường đóng, mở chậm	 or  07-05-03 07-05-04	 T.C.
Dụng cụ điều khiển		
Nút ấn thường mở	 07-07-02	 PB
Nút ấn thường đóng		 PB
Nút ấn thường N/O và N/C		 PB
Nút ấn tự giữ thường mở N/O		 PB
Nút ấn tự giữ thường đóng N/C		 PB
Tiếp điểm vị trí thường mở	 07-08-01	 LS

DANH MỤC	IEC (DIN EN)	NEMA ICS/ANSI/IEEE
Tiếp điểm vị trí thường đóng	 07-08-02	
Công tắc bật thường đóng		
Công tắc bật thường mở		
Trạng thái chuyển mạch thường đóng	Fe  07-20-04	
Trạng thái chuyển mạch thường mở	Fe 	
Trạng thái chuyển mạch khóa	 07-19-02	
Relay áp suất thường mở	 07-17-03	
Relay áp suất thường đóng		
Tiếp điểm phao thường mở		
Tiếp điểm phao thường đóng		

DANH MỤC	IEC (DIN EN)	NEMA ICS/ANSI/IEEE
Chuyển mạch		
Contactor (N/O) 3 cực	 07-13-02	 × code letter
Contactor (N/O) 3 cực kết hợp relay nhiệt 3 phần tử		 OL × code letter
Contactor 3 cực không kết nối	 07-13-06	 DISC
CB 3 pha 3 cực	 07-13-05	 CB
CB 3 pha 3 cực đóng cắt cơ khí, kết hợp bảo vệ quá dòng motor bằng điện từ	 107-05-01	
Cầu chì	 07-21-01	 FU
Máy biến áp, máy biến dòng		
Máy biến áp 2 cuộn dây	 06-09-02	 H1 H2 X1 X2

DANH MỤC	IEC (DIN EN)	NEMA ICS/ANSI/IEEE
Máy biến áp tự ngẫu	 or 	 or 
Máy biến dòng	 or 	 or 
Máy điện		
Máy phát điện		 or 
Động cơ điện		 or 
Động cơ điện DC		
Động cơ điện AC		
Động cơ KĐB roto lồng sóc		 or 
Động cơ KĐB roto rãnh trượt		

DANH MỤC	IEC (DIN EN)	NEMA ICS/ANSI/IEEE
Điốt bán dẫn	 05-03-01	(A)  (K)
Điốt Zener	 05-03-06	
Điốt phát quang (LED)	 05-03-02	
Bi-directional diode, diac	 05-03-09	(T)  (T)
Thyristor, general symbol	 05-04-04	(A)  (K)
PNP transistor	 05-05-01	(A)  (K) or (E)  (C) (B)
NPN transistor, in which the collector is connected to the enclosure	 05-05-02	(K)  (A) or (E)  (C) (B)