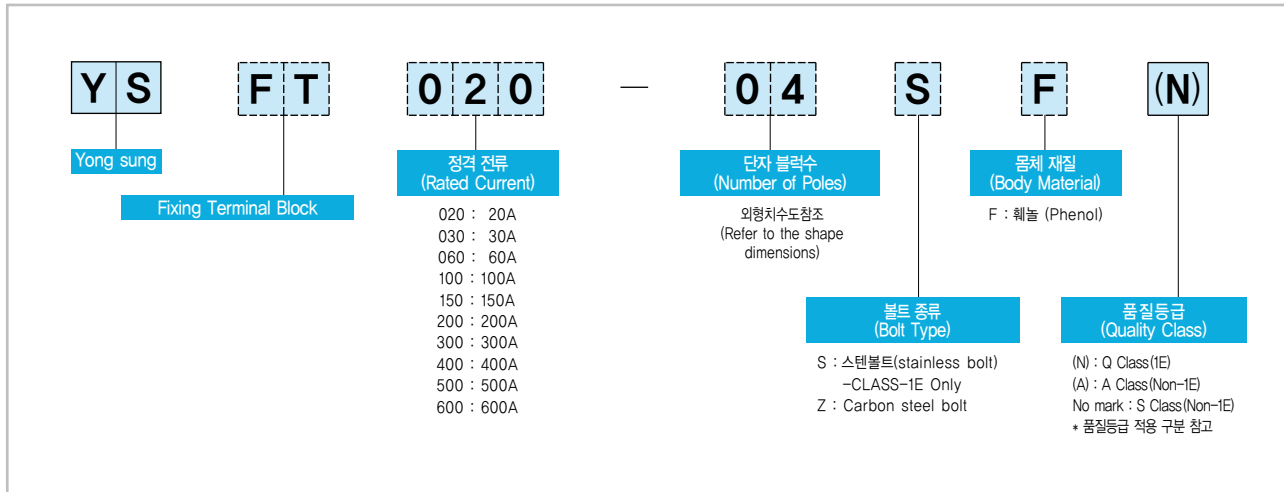


8-2 고정식 단자대 FIXING TERMINAL BLOCK

형식 구분도 | Type classification diagram |



특징 | Features |

- IEEE 572(KEPIC END 3830), IEEE 323(KEPIC END 1100) 적용하여 내환경검증
- IEEE 344(KEPIC END 2000) 적용하여 내진검증
- Environmental qualification by IEEE 572(KEPIC END 3830) & IEEE 323(KEPIC END 1100)
- Seismic qualification by IEEE 344(KEPIC END 2000)

성능 개요 | Performance summary |

정격 절연전압 (Rated insulation voltage)	600V Max.
절연저항 (Insulation resistance)	100MΩ 이상 (Above 100MΩ), DC 500V MEGGER
내전압 (Withstand voltage)	AC 2,500V / 1 min (50 ~ 60Hz)
사용 주위온도 (Ambient temperature)	-25 ~ 55℃ (-13 ~ 131°F)
상대습도 (Relative humidity)	Max. 95 %
압력 (Pressure)	대기압 (Atmospheric)
방사선 (Radiation)	1 X 10 ³ Gy (TID)
보관온도 (Storage temperature)	-25 ~ 60℃ 결로되지 않는 조건 (Without condensation)

기기검증 조건은 문의 바랍니다. (Please contact us for equipment qualification condition.)

부품 재질 | Part materials |

부품 (Part)	재질 (Materials)
단자대 몸체 (Terminal block body)	Phenol resin
단자 (Terminal)	황동 (Brass)
볼트 (Bolt)	탄소강 또는 스테인리스 강 (Carbon steel or Stainless steel)
커버 (Cover)	PC resin

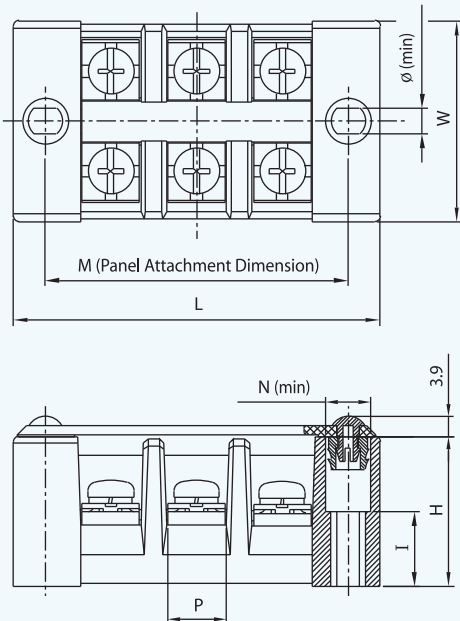
고정식 단자대 FIXING TERMINAL BLOCK

결선 자료 | Wiring data |

타입 (Type)	적합전선 (Wire range)	단자볼트 (Terminal bolt)	토크 (Torque)
YSFT020	1 ~ 2.5mm ² (#18 ~ 14AWG)	M4	1.2 N·m (12 Kgf·cm)
YSFT030	1.5 ~ 4mm ² (#16 ~ 12AWG)	M4.5	1.8 N·m (18 Kgf·cm)
YSFT060	6 ~ 16mm ² (#10 ~ 6AWG)	M6	2.5 N·m (25 Kgf·cm)
YSFT100	25 ~ 50mm ² (#4 ~ 0AWG)	M8	6 N·m (60 Kgf·cm)
YSFT150	35 ~ 70mm ² (#2 ~ 00AWG)	M8	6 N·m (60 Kgf·cm)
YSFT200	70 ~ 120mm ² (#00 AWG ~ 250kcmil)	M10	10 N·m (100 Kgf·cm)
YSFT300	120 ~ 185mm ² (#250 ~ 350kcmil)	M12	14 N·m (140 Kgf·cm)
TSFT400	120 ~ 185mm ² (#250 ~ 350kcmil)	M12	14 N·m (140 Kgf·cm)
YSFT500	185 ~ 300mm ² (#350 ~ 600kcmil)	M12	14 N·m (140 Kgf·cm)
YSFT600	185 ~ 300mm ² (#350 ~ 600kcmil)	M12	14 N·m (140 Kgf·cm)

외형 치수도 | Shape dimension |

(Unit : mm)



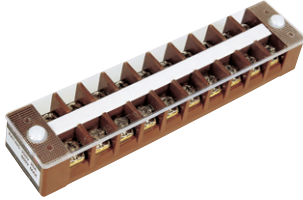
권장 부착볼트 (Recommended mounting bolt)

타입 (Type)	부착볼트 (Mounting bolt)	권장 토크 (Torque)
YSFT020	M4	1.2 N·m (12 Kgf·cm)
YSFT030		
YSFT060		
YSFT100	M5	2 N·m (20 Kgf·cm)
YSFT150		
YSFT200		
YSFT300	M6	3 N·m (30 Kgf·cm)
TSFT400		
YSFT500		
YSFT600		

외형 치수도 | Shape dimension |

(Unit : mm)

YSFT020



형식 (Type)	L	W (± 2)	H (± 1)	I (± 1)	P	$\varnothing$	M	중량 (Weight)
YSFT020-04	67	30.2	19	5	8.7	4.5	56	about 51g
YSFT020-10	136						124.5	about 110g
YSFT020-15	200						188	about 170g
YSFT020-20	257						245	about 210g

YSFT030



형식 (Type)	L	W (± 2)	H (± 1)	I (± 1)	P	$\varnothing$	M	중량 (Weight)
YSFT030-03	67	35	26	13	10.3	4.5	54.5	about 76g
YSFT030-04	79						68	about 91g
YSFT030-06	102.5						91	about 127g
YSFT030-10	156						144.5	about 185g

YSFT060



형식 (Type)	L (± 2)	W (± 2)	H (± 1)	I (± 1)	P	$\varnothing$	M	중량 (Weight)
YSFT060-03	83.5	41	32.5	20	15.5	5	27.5	about 135g
YSFT060-04	111						55	about 180g

YSFT100



형식 (Type)	L (± 2)	W (± 2)	H (± 1)	I (± 1)	P	$\varnothing$	M	중량 (Weight)
YSFT100-03	105.5	55.5	38	23	23	5.5	34.8	about 265g
YSFT100-04	140						69.6	about 365g

YSFT150



형식 (Type)	L (± 2)	W (± 2)	H (± 1)	I (± 1)	P	$\varnothing$	M	중량 (Weight)
YSFT150-03	116	67.5	43	26	26	7	38.8	about 450g
YSFT150-04	154.8						77.2	about 590g

고정식 단자대

FIXING TERMINAL BLOCK

외형 치수도 | Shape dimension |

(Unit : mm)

YSFT200



형식 (Type)	L (±2)	W (±2)	H (±1)	I (±1)	P	Ø	M	중량 (Weight)
YSFT200-03	134.8	73	46.5	29.5	29	7	45	about 550g
YSFT200-04	180						89.5	about 740g

YSFT300



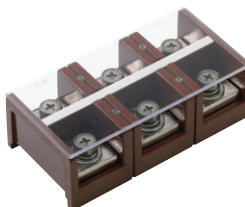
형식 (Type)	L (±2)	W (±2)	H (±1)	I (±1)	P	Ø	M	중량 (Weight)
YSFT300-03	155.5	83	49.4	33.5	33.7	8.4	51.5	about 900g
YSFT300-04	207						103.5	about 1,150g

YSFT400



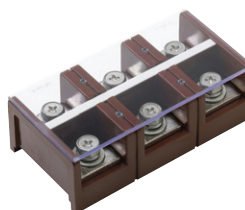
형식 (Type)	L (±2)	W (±2)	H (±1)	I (±1)	P	Ø	M	중량 (Weight)
YSFT400-03	163	90	50	33.5	34	8.4	55	about 1,100g
YSFT400-04	218						110	about 1,470g

YSFT500



형식 (Type)	L (±2)	W (±2)	H (±1)	I (±1)	P	Ø	M	중량 (Weight)
YSFT500-03	193	99	60	43.5	43	8.4	65.5	about 1,700g
YSFT500-04	258.5						131	about 2,200g

YSFT600



형식 (Type)	L (±2)	W (±2)	H (±1)	I (±1)	P	Ø	M	중량 (Weight)
YSFT600-03	193	99	60	43.5	43	8.4	65.5	about 1,700g
YSFT600-04	258.5						131	about 2,200g