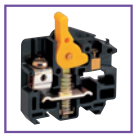
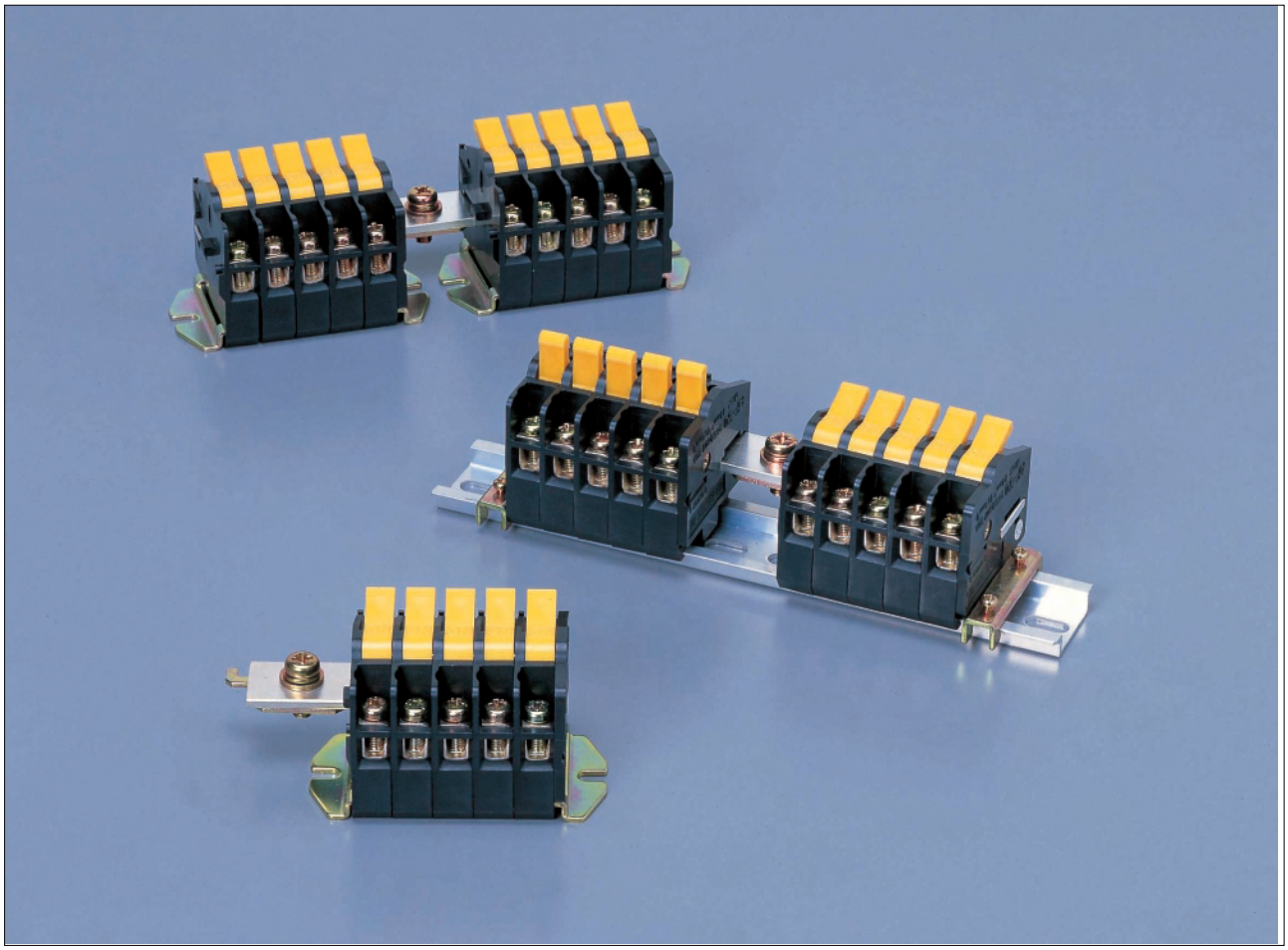
●UNIT TYPE



DISCONNECTING TERMINAL BLOCK

AF TYPE



FEATURES

- This terminal block allows the disconnection between the left and right terminals by pulling the lever.
- A conductor passing through the neutral can be freely selected from 3 types of 3 × 20, 4 × 18, and 6 × 12.
- The AF type may be assembled on the DIN rail.
- The AF type conforms to JIS C8480 General Rules of Distribution Boards.

SPECIFICATIONS (RATINGS, PERFORMANCE)

Type / Specification	AF-50	AF-50E	AF-50V	AF-50VE
Rated insulation voltage	265/460V AC			
Rated current-carrying capacity	50A			
Max. wire size	14mm^2			
Screw size	M5 × 10			
Withstand votage	1 minute at 3,000V AC			
Lightning impulse	±6,000V/3 times for each pole (1.2/50 µs)			
Operating temperature	–20 to 50°C			
Storing temperature	–40 to 75°C			
Service condition (altitude)	Max. 2,000 m			

ORDERING METHOD

Note: The conductor passing through the neutral in the assembly is of 3 × 20 as standard.

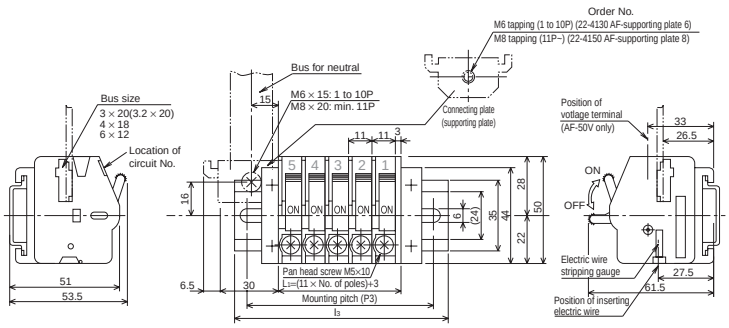
Ordering method for assemblies

Ex. 1 AF-50-S rail assembly

* Assemble the necessary number of poles into one group.
A maximum of 30 poles may be specified for this combination.

AF-50 - S - 5 XD

Type name	Arrange-ment	No. of poles	Rail designation

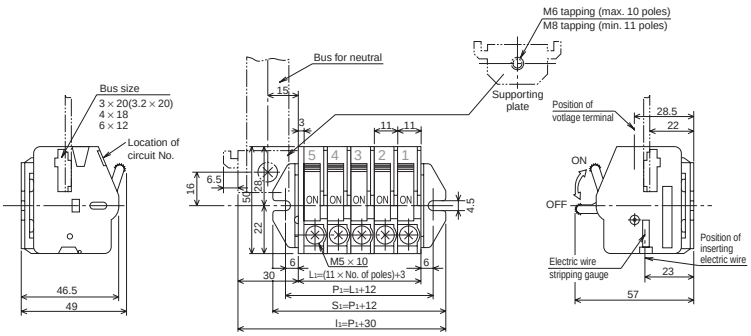


Ex. 2 AF-50-S shaft assembly

* Assemble the necessary number of poles into one group.
A maximum of 30 poles may be specified for this combination.

AF-50 - S - 5

Type name	Arrange-ment	No. of poles

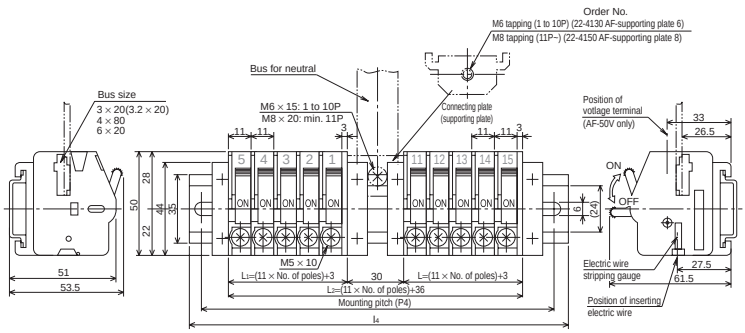


Ex. 3 AF-50-D rail assembly

* Assemble the necessary number of poles into two groups. A maximum of 40 poles may be assembled.
Specify an even number so that it can be equally allocated to the left and right banks.

AF-50 - D - 10 XD

Type name	Arrange-ment	No. of poles	Rail designation

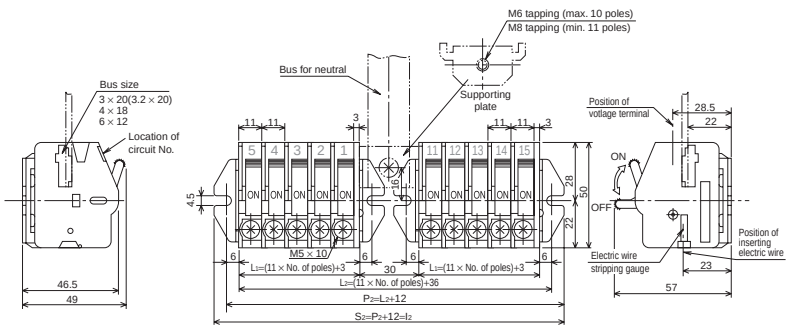


Ex. 4 AF-50-D shaft assembly

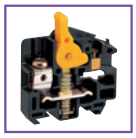
* Assemble the necessary number of poles into two groups. A maximum of 40 poles may be assembled.
Specify an even number so that it can be equally allocated to the left and right banks.

AF-50 - D - 10

Type name	Arrange-ment	No. of poles



●UNIT TYPE



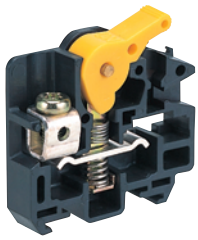
DISCONNECTING TERMINAL BLOCK

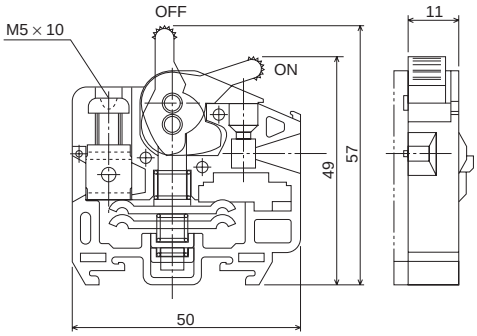
AF TYPE

STANDARD PRODUCTS

AF-50 (50A)

Applicable electric wire: 5.5 to 14 mm²

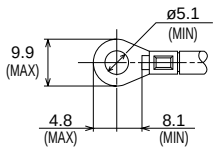




●Applicable accessories

Standard marker strip	TUM-1 0.5T
Standard rail	TXB
End clamp	AFL

●Applicable crimp terminal

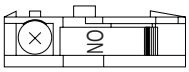


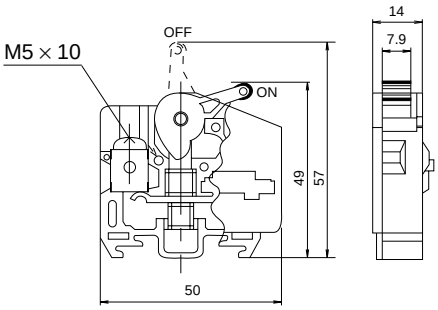
＊With insulating cover

With end plates

AF-50E (50A)

Applicable electric wire: 5.5 to 14 mm²

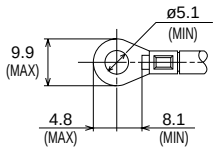




●Applicable accessories

Standard marker strip	TUM-1 0.5T
Standard rail	TXB
End clamp	AFL

●Applicable crimp terminal

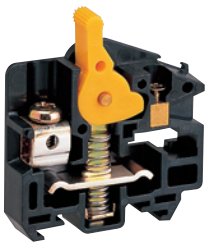


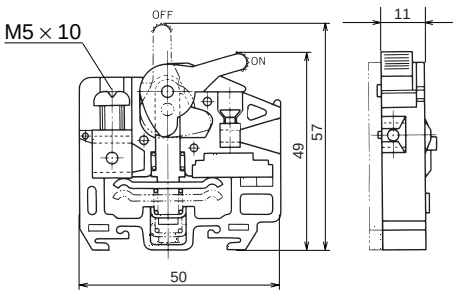
＊With insulating cover

With terminal for measuring insulation resistance

AF-50V (50A)

Applicable electric wire: 5.5 to 14 mm²

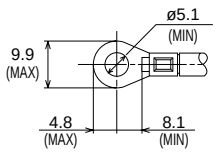




●Applicable accessories

Standard marker strip	TUM-1 0.5T
Standard rail	TXB
End clamp	AFL

●Applicable crimp terminal

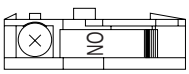


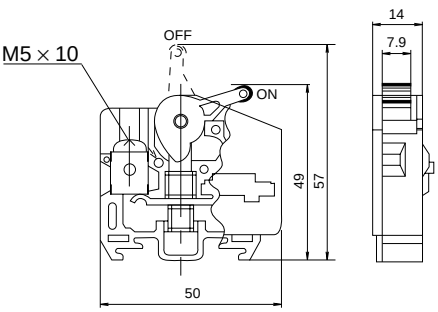
＊With insulating cover

With terminal for measuring insulation resistance / With end plates

AF-50VE (50A)

Applicable electric wire: 5.5 to 14 mm²

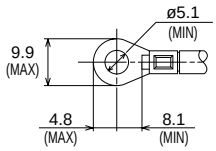




●Applicable accessories

Standard marker strip	TUM-1 0.5T
Standard rail	TXB
End clamp	AFL

●Applicable crimp terminal



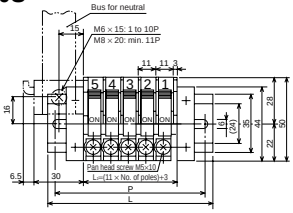
＊With insulating cover

TABLE OF ASSEMBLED DIMENSIONS

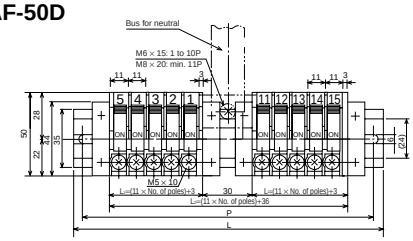
AF type assembly with punched rail

Assembly with TXB-D

AF-50S



AF-50D



AF-50S *1 = No. of poles *2 = Dimensions

*2 \ *1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
P	80	80	100	100	120	120	140	140	160	160	180	200	200	220	220	240	240	260	260	280	300	300	320	320	340	340	360	360	380
L	97	97	117	117	137	137	157	157	177	177	197	217	217	237	237	257	257	277	277	297	317	317	337	337	357	357	377	377	397

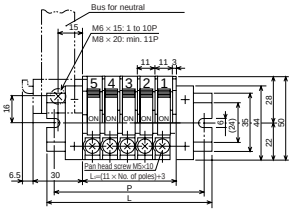
AF-50D *1 = No. of poles *2 = Dimensions

*2 \ *1	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
P	100	120	140	160	180	220	240	260	280	300	320	340	360	380	400	440	460	480	500	520
L	117	137	157	177	197	237	257	277	297	317	337	357	377	397	417	457	577	497	517	537

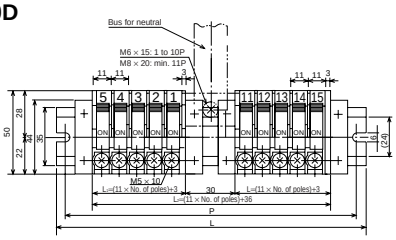
AF type assembly with U-cut rail

Assembly with TXB-F

AF-50S



AF-50D



AF-50S *1 = No. of poles *2 = Dimensions

*2 \ *1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
P	55	65	75	85	95	110	120	130	145	155	170	175	185	195	210	220	230	245	255	265	270	290	295	310	320	330	340	350	365
L	65	75	85	95	105	120	130	140	155	165	180	185	195	205	220	230	240	255	265	275	280	300	305	320	330	340	350	360	375

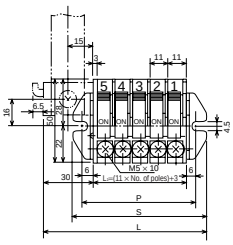
AF-50D *1 = No. of poles *2 = Dimensions

*2 \ *1	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
P	85	110	130	150	175	195	220	240	260	285	305	330	350	370	395	415	440	460	480	505
L	95	120	140	160	185	205	230	250	270	295	315	340	360	380	405	425	450	470	490	515

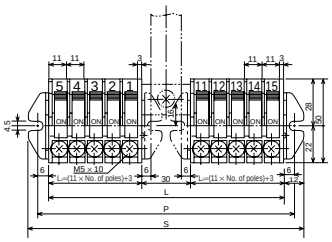
AF type shaft

Assembly using a STAND

AF-50S



AF-50D



AF-50S *1 = No. of poles *2 = Dimensions

*2 \ *1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
P	37	48	59	70	81	92	103	114	125	136	147	158	169	180	191	202	213	224	235	246	257	268	279	290	301	312	323	334	345
L	67	78	89	100	111	122	133	144	155	166	177	188	199	210	221	232	243	254	265	276	287	298	309	320	331	342	353	364	375

AF-50D *1 = No. of poles *2 = Dimensions

*2 \ *1	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
P	70	92	114	136	158	180	202	224	246	268	290	312	334	356	378	400	422	444	466	488
L	82	104	126	148	170	192	214	236	258	280	302	324	346	368	390	412	434	456	478	500